//////ALPINE.

CD/USB RECEIVER WITH ADVANCED BLUETOOTH

CDE-154BT

Made for
iPod iPhone

BASS ENGINE SQ

Alpine TuneIt App

Works With
PANDORA®

((SiriusXM))
READY

Bluetooth

Variable
RGB Illumination

compatible

- OWNER'S MANUAL
     Please read before using this equipment.
- MODE D'EMPLOI
     Veuillez lire avant d'utiliser cet appareil.
- MANUAL DE OPERACIÓN
     Léalo antes de utilizar este equipo.

Thank you for purchasing this Alpine product. Please take a moment to protect your purchase by registering your product now at the following address: www.alpine-usa.com/registration.
You will be informed of product and software updates (if applicable), special promotions, news about Alpine, and entered for a chance to win prizes.

Merci d'avoir acheté ce produit Alpine. Nous vous invitons à consacrer un moment à la protection de votre achat en enregistrant votre produit dès maintenant à l'adresse suivante :
www.alpine-usa.com/registration.
Vous serez tenu informé des mises à jour des produits et des logiciels (le cas échéant), des promotions spéciales, de l'actualité d'Alpine, et vous aurez une chance de remporter des prix.

Gracias por adquirir este producto Alpine. Con solo unos pocos pasos podrá proteger su producto, registrándolo a través de la siguiente dirección: www.alpine-usa.com/registration.
Recibirá información sobre nuevos productos y software, promociones especiales, novedades sobre Alpine y participará en el sorteo de premios.

ALPINE ELECTRONICS OF AMERICA, INC.
19145 Gramercy Place, Torrance,
California 90501, U.S.A.
Phone 1-800-ALPINE-1 (1-800-257-4631)

Contents

Operating Instructions

Contents

Contents

Installation and Connections

LIMITED WARRANTY

Operating Instructions

WARNING

⚠ WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.

Doing so may result in personal injury or damage to the product.

⚠ CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing.

⚠ PRECAUTIONS

Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

Temperature

Be sure the temperature inside the vehicle is between +60°C (+140°F) and −10°C (+14°F) before turning your unit on.

Moisture Condensation

You may notice the CD playback sound wavering due to condensation. If this happens, remove the disc from the player and wait about an hour for the moisture to evaporate.

Damaged Disc

Do not attempt to play cracked, warped, or damaged discs. Playing a bad disc could severely damage the playback mechanism.

Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

Never Attempt the Following

Do not grip or pull out the disc while it is being pulled back into the player by the automatic reloading mechanism.
Do not attempt to insert a disc into the unit when the unit power is off.
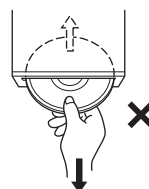
Inserting Discs

Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc.
Make sure the label side is facing up when you insert the disc. "ERROR" will be displayed on your player if you insert a disc incorrectly. If "ERROR" continues to be displayed even though the disc has been inserted correctly, push the **RESET** switch with a pointed object such as a ballpoint pen.
Playing a disc while driving on a very bumpy road may result in skips, but this will not scratch the disc or damage the player.

New Discs

To prevent the CD from jamming, "ERROR" is displayed if discs with irregular surfaces are inserted or if discs are inserted incorrectly. When a new disc is ejected immediately after initial loading, use your finger to feel around the inside of the center hole and outside edge of the disc. If you feel any small bumps or irregularities, this could inhibit proper loading of the disc. To remove the bumps, rub the inside edge of the hole and outside edge of the disc with a ballpoint pen or other such instrument, and then insert the disc again.
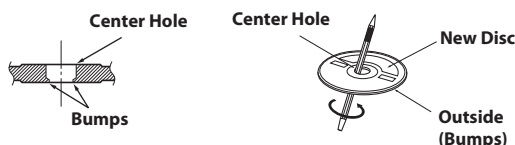
Irregular Shaped Discs

Be sure to use round discs only for this unit and never use any special shaped discs.
Use of special shape discs may cause damage to the mechanism.

Installation Location

Make sure this unit will not be installed in a location subjected to:
- Direct sun and heat
- High humidity and water
- Excessive dust
- Excessive vibrations

Correct Handling

Do not drop the disc while handling. Hold the disc so you will not leave fingerprints on the surface. Do not affix tape, paper, or gummed labels to the disc. Do not write on the disc.
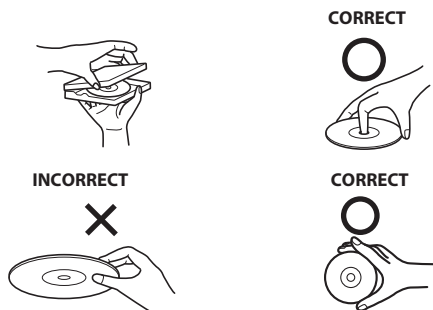
Disc Cleaning

Fingerprints, dust, or soil on the surface of the disc could cause the CD player to skip. For routine cleaning, wipe the playing surface with a clean, soft cloth from the center of the disc to the outer edge. If the surface is heavily soiled, dampen a clean, soft cloth in a solution of mild neutral detergent before cleaning the disc.

Disc Accessories

There are various accessories available on the market for protecting the disc surface and improving sound quality. However, most of them will influence the thickness and/or diameter of the disc. Using such accessories can cause the disc to be out of standard specifications and may create operational problems. We recommend not using these accessories on discs played in Alpine CD players.
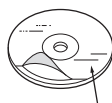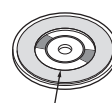
On handling Compact Discs (CD/CD-R/CD-RW)

- Do not touch the surface.
- Do not expose the disc to direct sunlight.
- Do not affix stickers or labels.
- Clean the disc when it is dusty.
- Make sure that there are no bumps around the disc.
- Do not use commercially available disc accessories.

Do not leave the disc in the car or the unit for a long time. Never expose the disc to direct sunlight. Heat and humidity may damage the CD and you may not be able to play it again.

To customers using CD-R/CD-RW
- If a CD-R/CD-RW cannot be played back, make sure the last recording session was closed (finalized).
- Finalize the CD-R/CD-RW if necessary, and attempt playback again.

About media that can be played

Use only compact discs with the label side showing the CD logo marks below.

If you use non-standard compact discs, correct performance cannot be guaranteed.
You can play CD-Rs (CD-Recordables)/CD-RWs (CD-ReWritables) which have been recorded only on audio devices. You can also play CD-Rs/CD-RWs containing MP3 formatted audio files.
- Some of the following CDs may not play on this unit:
  Flawed CDs, CDs with fingerprints, CDs exposed to extreme temperatures or sunlight (e.g., left in the car or this unit), CDs recorded under unstable conditions, CDs on which a recording failed or a re-recording was attempted, copy-protected CDs which do not conform to the audio CD industry standard.

- Use discs with compressed audio files written in a format compatible with this unit. For details, refer to "About MP3/WMA" on page 13.
- Data files, other than audio, on the disc are ignored and are not played back.

Protecting the USB Port

- Only USB Flash Memory devices or iPod/iPhone can be connected to the USB port on this unit. Correct performance using other USB products cannot be guaranteed. A USB hub is not supported.
- If the USB connector is used, be sure to use a USB extension cable (supplied).
- Depending on the connected Flash Memory device, the unit may not function or some functions may not be performed.
- The audio file format that can be played back on the unit is MP3/WMA.
- Artist/song name, etc., can be displayed, however some characters may not be correctly displayed.

On Handling USB Flash Memory

⚠ CAUTION

Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.

- To prevent malfunction or damage, note the following points. Read the Flash Memory Owner's Manual thoroughly.
- Fix the Flash Memory in a location where driver operation will not be hindered.
- Flash Memory may not function correctly at high or low temperature.
- Use only certified USB Flash Memory Devices. Please pay attention that even certified Flash Memory, may not function correctly depending on its type or state.
- Flash Memory function is not guaranteed. Use Flash Memory according to the terms of agreement.
- Depending on the settings of the Flash Memory type, memory state or encoding software, the unit may not play back or display properly.
- A file that is copy-protected (copyright protection) cannot be played back.
- Flash Memory may take time to start playback. If there is a particular file other than audio in the Flash Memory, it may take considerable time before the file is played back or searched.
- The unit can play back "mp3" or "wma" file extensions.
- Do not add the above extensions to a file other than audio data. This non-audio data will not be recognized. The resulting playback may contain noise that can damage speakers and/or amplifiers.
- It is recommended to back up important data on a personal computer.
- Do not remove the USB device while playback is in progress. Change SOURCE to something other than USB, and then remove the USB device to prevent possible damage to its memory.

- *Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.*
- *iPhone, iPod, iPod classic, iPod nano, iPod touch and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries.*
- *"Made for iPod," and "Made for iPhone," mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, or iPhone may affect wireless performance.*
- *The BLUETOOTH® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Alpine Electronics, Inc. is under licence. Other trademarks and trade names are those of their respective owners.*
- *MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson. Supply of this product only conveys a licence for private, non-commercial use and does not convey a licence nor imply any right to use this product in any commercial (i.e. revenue-generation) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent licence for such use is required. For details, please visit http://www.mp3licensing.com*
- *Pandora, the Pandora logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc., used with permission. Pandora is currently available in the U.S., Australia and New Zealand.*
- *Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved.*
- *Android is a trademark of Google Inc.*

Getting Started

AUDIO/SETUP

Rotary encoder

Q/ENTER

⏏/SOURCE
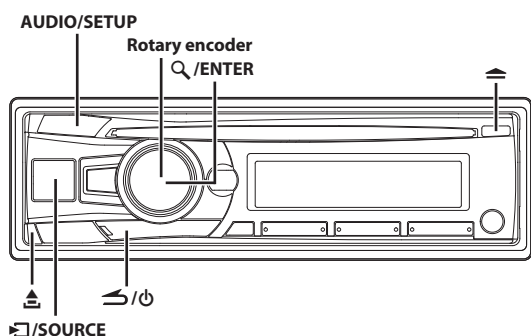
Accessory List

- **Head Unit** 1
- **Power Cable** 1
- **USB extension cable**..1
- **Microphone** 1
- **Mounting Sleeve** 1
- **Carrying Case**...1
- **Bracket Key** 2
- **Screw (M5 × 8)** 4
- **Owner's Manual**..1 set

Turning Power On and Off

Press ⏏/⏻ to turn on the unit.

Note

- *The unit can be turned on by pressing any other button except ⏏ and ▲ (Release).*

Press and hold ⏏/⏻ for at least 2 seconds to turn off the unit.

Note

- *The first time power is turned on, the volume will start from level 12.*

Demonstration Function

This unit has a demonstration feature for display. When Demo mode is set to ON (initial setting), the unit starts the demonstration if there is no operation for 30 seconds.
When installing this unit in a car for the first time, the DEMO OFF screen will be displayed for 30 seconds after turning on the unit.

Press Q/ENTER within 30 seconds to turn off the Demonstration mode[*].

Otherwise, the Demo mode remains ON and the unit starts the demonstration if there is no operation for 30 seconds.

*   *The operation is the same as setting DEMO MODE to OFF in the Setup menu. However, if the unit is disconnected from the vehicle's battery, DEMO MODE will be switched to ON automatically when the unit is used next time. If you want to completely close the Demo mode, set DEMO MODE to QUITE OFF. For details, please refer to "Demonstration" on page 22.*

Source Selection

Press ⏏/SOURCE to change the source.

TUNER → SIRIUSXM[*1] → DISC → USB AUDIO[*2]/iPod[*3] → BT AUDIO[*4] → PANDORA[*5] → AUXILIARY[*6] → TUNER

*1   *Displayed only when a SiriusXM Tuner is connected.*
*2   *Displayed only when no iPod/iPhone is connected.*
*3   *Displayed only when the iPod/iPhone is connected.*
*4   *Displayed only when BT IN is set to ON, refer to "Setting the BLUETOOTH Connection (BT IN)" on page 25.*
*5   *Not displayed when ALPINE APP is set to OFF, refer to "Setting the communication mode with a Smartphone (ALPINE APP)" on page 23.*
*6   *Refer to "Using the Front AUX Input Terminal" on page 19.*

Detaching and Attaching the Front Panel

Detaching
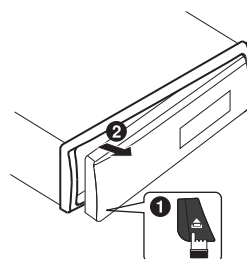
Notes

- *The front panel may become hot in normal usage (especially the connector terminals on the back of the front panel). This is not a malfunction.*
- *To protect the front panel, place it in the supplied carrying case.*
- *When detaching the front panel, do not apply excessive force as it may result in malfunction.*

Attaching
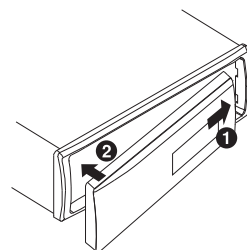
Notes

- *Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign object between the front panel and the main unit.*
- *Attach the front panel carefully, holding the sides of the front panel to avoid pushing buttons by mistake.*

Initial System Start-Up

Be sure to press the **RESET** switch when using the unit for the first time, after changing the car battery, etc.

RESET switch
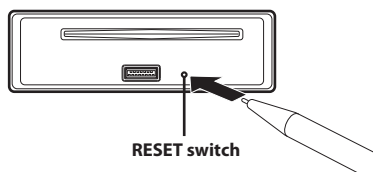
Adjusting Volume

Turn the **Rotary encoder** until the desired sound is obtained.

Setting Time

1 Press and hold **AUDIO/SETUP** for at least 2 seconds to activate the SETUP selection mode.

2 Turn the **Rotary encoder** to select GENERAL, and then press 🔍 **/ENTER.**

3 Turn the **Rotary encoder** to select the CLOCK ADJ mode, and then press 🔍 **/ENTER.**

The time indication will blink.

4 Turn the **Rotary encoder** to adjust the hours while the time indication is blinking.

5 When the hour has been adjusted, press 🔍 **/ENTER.**

6 Turn the **Rotary encoder** to adjust the minutes while the time indication is blinking.

7 Press and hold **AUDIO/SETUP** for at least 2 seconds to return to normal mode.

Notes
- *To synchronize the clock to another clock/watch or radio time announcement, press and hold 🔍 /ENTER for at least 2 seconds after setting the "hour". Minutes will reset to "00". If the display shows over "30" minutes when you do this, the time will advance one hour.*
- *Pressing ⏏ will return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Controllable with Remote Control

This unit can be controlled with an optional Alpine remote control. For details, consult your Alpine dealer.
Point the optional remote control transmitter at the remote control sensor.

Remote control sensor
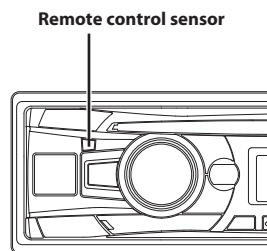
Connectable to Remote Control Interface Box

With an optional Alpine Steering Wheel Remote Control Interface Box (not included), this unit is controllable from the vehicles steering wheel controls. For details, contact your Alpine dealer.

Radio

Rotary encoder
Q /ENTER
▶▶┃

⏏/SOURCE

BAND △ ┃◀◀

TUNE/A.ME   **Preset buttons (1 through 6)**
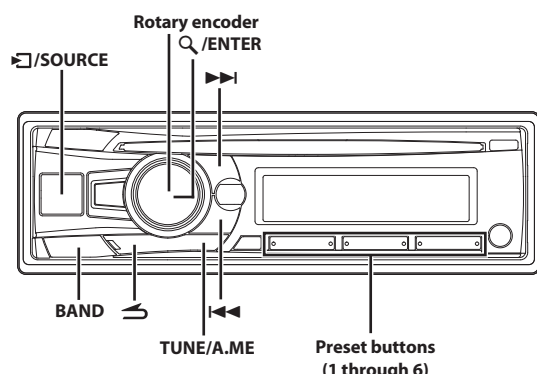
Listening to Radio

1 **Press ⏏/SOURCE to select TUNER mode.**

2 **Press BAND repeatedly until the desired radio band is displayed.**

   FM1 → FM2 → AM → FM1

3 **Press TUNE/A.ME to select the tuning mode.**

   DX SEEK (Distance mode) → LOCAL SEEK (Local mode) → MANUAL (Manual mode) → DX SEEK

   ### Note
   • *The initial mode is Distance mode.*

   ### Distance mode:
   Both strong and weak stations will be automatically tuned in (Automatic Seek Tuning).

   ### Local mode:
   Only strong stations will be automatically tuned in (Automatic Seek Tuning).

   ### Manual mode:
   The frequency is manually tuned in steps (Manual tuning).

4 **Press ┃◀◀ or ▶▶┃ to tune in the desired station.**

   Holding down ┃◀◀ or ▶▶┃ will change the frequency continuously.

Presetting Stations Manually

While receiving the station that you want to store, press and hold, for at least 2 seconds, any one of the preset buttons (1 through 6) into which you wish to store the station.

The display shows the band, preset number and station frequency memorized.

Notes
• *A total of 18 stations can be stored in the preset memory (6 stations for each band; FM1, FM2 and AM).*
• *If you store a station in a preset memory which already has a station, the current station will be cleared and replaced with the new station.*

Presetting Stations Automatically

1 **Press BAND repeatedly until the desired radio band is displayed.**

2 **Press and hold TUNE/A.ME for at least 2 seconds.**

   The frequency on the display continues to change while the automatic memory is in progress. The tuner will automatically seek and store 6 strong stations in the selected band. They will be stored into preset buttons 1 to 6 in order of signal strength. When the automatic memory has been completed, the tuner goes to the station stored in preset location No.1.

Note
• *If no stations are stored, the tuner will return to the original station you were listening to before the auto memory procedure began.*

Tuning to Preset Stations

Select the band, and then press any one of the station preset buttons (1 through 6) that has your desired radio station in memory.

The display shows the band, preset number and frequency of the station selected.

Frequency Search Function

You can search for a radio station by its frequency.

1 **Press Q /ENTER in Radio mode to activate Frequency search mode.**

2 **Turn the Rotary encoder to select the desired frequency.**

3 **Press Q /ENTER to receive the selected frequency.**

Note
• *Press △ in the search mode to cancel. Or, the search mode will be canceled if no operation is performed for 60 seconds.*

11-EN

CD/MP3/WMA

Rotary encoder
Q /ENTER

⏏/SOURCE

▶▶⏘

⏏

◀

▶/II   ▶   ⏬4   ⤨5

⏮   **Preset buttons
(1 through 6)**
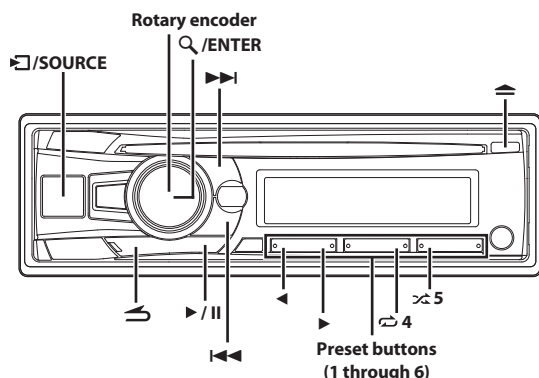
Playback

1   Insert a disc with the label side facing up.

The disc will be pulled into the unit automatically.
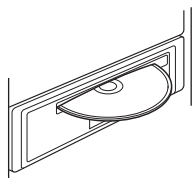
Note
- When a disc is already inserted, press ⏏/**SOURCE** to switch to the DISC mode.

2   While playing back MP3/WMA, press ◀ or ▶ to select the desired folder.

3   Press ⏮ or ▶▶⏘ to select the desired track (file).

Pressing and holding ⏮ or ▶▶⏘ will fast backward/fast forward track continuously.

4   To pause playback, press ▶/II.

Pressing ▶/II again will resume playback.

5   To eject the disc, press ⏏.

Notes
- Do not remove a CD during its eject cycle. Do not load more than one disc at a time. A malfunction may result from doing either.
- Three-inch (8 cm) CDs cannot be used.
- Any file protected by DRM (Digital Rights Management) copy protection, cannot be played back on this unit.
- The track display for MP3/WMA data playback is the file numbers recorded on the disc.
- The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.

Repeat and Random Play

1   During playback, Press ⏬ 4 or ⤨ 5 repeatedly until the setting appears.

REPEAT ONE:
Track/file is played back repeatedly.
REPEAT FOLDER*:
Files in a folder are played back repeatedly.
MIX FOLDER*:
Files in a folder are played back randomly.
MIX ALL:
All files in the disc or Flash Memory are played back randomly.

* When MP3/WMA files are played back.

2   To cancel repeat or M.I.X. play, select (OFF) with the above procedure.

Notes
- ⏬ indicator lights up during repeat play mode.
- ⤨ indicator lights up during random play mode.

Searching for CD Text

On discs utilizing CD Text, songs can be searched and played by using their recorded titles. For discs without CD Text, searches are made using the track numbers associated with each song.

1   Press Q /ENTER during play.

2   Turn the Rotary encoder to select the desired track, and then press Q /ENTER.

This will play the selected track.

Notes
- Press any of the **preset buttons (1 through 6)** during a search to skip over a calculated percentage of tracks. For details, refer to "Direct Search Function" on page 32.
- Press ⏏ in the search mode to cancel. Or, the search mode is canceled if no operation is performed for 60 seconds.
- When CD Text Search is made during M.I.X. play, the M.I.X. play mode will be canceled.

Folder/File Name Search (concerning MP3/WMA)

Folder and file names may be searched and displayed during playback.

Folder Name Search mode

1   During MP3/WMA playback, press Q /ENTER to activate the search mode.

2   Turn the Rotary encoder to select Folder Name Search mode, and then press Q /ENTER.

3   Turn the Rotary encoder to select the desired folder.

4   Press and hold Q /ENTER for at least 2 seconds to play back the first file in the selected folder.

Notes
- *Press any of the* **preset buttons (1 through 6)** *during a Folder Name search to skip over a calculated percentage of folders. For details, refer to "Direct Search Function" on page 32.*
- *Press ⏏ in the search mode to return to the previous mode. Or, the search mode is canceled if no operation is performed for 60 seconds.*
- *To search for files in the Folder Name Search mode, press ⚲ /ENTER. Files in the folder may be searched.*
- *The root folder is displayed as "\ROOT".*
- *When Folder Name Search is made during M.I.X. play, the M.I.X. play mode will be canceled.*

File Name Search mode

1   **During MP3/WMA playback, press ⚲ /ENTER to activate the search mode.**

2   **Turn the Rotary encoder to select File Name Search mode, and then press ⚲ /ENTER.**

3   **Select the desired file by turning the Rotary encoder.**

4   **Press ⚲ /ENTER to play back the selected file.**

Notes
- *Press any of the* **preset buttons (1 through 6)** *during a File name search to skip over a calculated percentage of files. For details, refer to "Direct Search Function" on page 32.*
- *Press ⏏ in the search mode to return to the previous mode. Or, the search mode is canceled if no operation is performed for 60 seconds.*
- *When File Name Search is made during M.I.X. play, the M.I.X. play mode will be canceled.*

Search Position Memory

During playback, you can quickly return to the last-selected hierarchy level in the search mode.

     Press ⏏.

The hierarchy you selected last in the search mode is displayed.

About MP3/WMA

⚠ CAUTION

Except for private use, duplicating audio data (including MP3/WMA data) or distributing, transferring, or copying it, whether for free or for a fee, without permission of the copyright holder is strictly prohibited by the Copyright Act and by international treaty.

What is MP3?

MP3, whose official name is "MPEG Audio Layer 3," is a compression standard prescribed by the ISO, the International Standardization Organization and MPEG which is a joint activity institution of the IEC. MP3 files contain compressed audio data. MP3 encoding is capable of compressing audio data at extremely high ratios, reducing the size of music files to as much as one-tenth their original size. This is achieved while still maintaining near CD quality. The MP3 format realizes such high compression ratios by eliminating the sounds that are either inaudible to the human ear or masked by other sounds.

What is WMA?

WMA, or "Windows Media™ Audio," is compressed audio data. WMA is similar to MP3 audio data.

Method for creating MP3/WMA files

Audio data is compressed using software with MP3/WMA codecs. For details on creating MP3/WMA files, refer to the user's manual for that software.
MP3/WMA files that are playable on this device have the file extensions "mp3" / "wma". Files with no extension cannot be played back (WMA ver. 7.1, 8 and 9 are supported). Protected files are not supported. Confirm that the software being used conforms to the acceptable formats listed above. It's possible that the format may be unplayable even though the extension is valid.

Supported playback sampling rates and bit rates

MP3

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
Bit rates:	8 - 320 kbps

WMA

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz
Bit rates:	32 - 192 kbps

This device may not play back correctly depending on sampling rates.

ID3 tags/WMA tags

This device supports ID3 tag v1 and v2, and WMA tag.
If tag data is in an MP3/WMA file, this device can display the title (track title), artist name, and album name ID3 tag/WMA tag data.
This device can only display single-byte alphanumeric characters (up to 30 for ID3 tags and up to 15 for WMA tags) and the underscore. For non-supported characters, "NO SUPPORT" is displayed or the character is displayed as space.
If information contains characters other than ID3 tag information, the audio file may not be played back.
The tag information may not be correctly displayed, depending on the contents.

Producing MP3/WMA discs

MP3/WMA files are prepared, then written to a CD-R or CD-RW using CD-R writing software. A disc can hold up to 509 files/255 folders. Playback may not be performed if a disc exceeds the limitations described above.

Media supported

The media that this device can play back are CD-ROMs, CD-Rs, and CD-RWs.

Corresponding File Systems

This device supports discs formatted with ISO9660 Level 1 or Level 2. Under the ISO9660 standard, there are some restrictions to remember. The maximum nested folder depth is 8 (including the root directory). The number of characters for a folder/file name is limited. Valid characters for folder/file names are letters A-Z (all caps), numbers 0-9, and '_' (underscore).
This device also can play back discs in Joliet, Romeo, etc., and other standards that conform to ISO9660. However, sometimes the file names, folder names, etc., are not displayed correctly.

Formats supported

This device supports CD-ROM XA, Mixed Mode CD, Enhanced CD (CD-Extra) and Multi-Session.
This device cannot correctly play back discs recorded with Track At Once or packet writing.

Order of files

Files are played back in the order that the writing software writes them to the disc. Therefore, the playback order may not be what is expected. Verify the writing order in the software's documentation. The playback order of the folders and files is as follows.

Root folder

Folder   **MP3/WMA File**
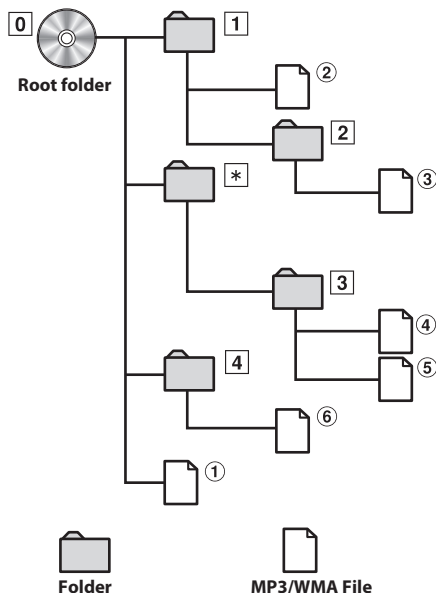
* *The folder No./ folder Name will not be displayed if no readable file is contained in the folder.*

Terminology

Bit rate

This is the "sound" compression rate specified for encoding. The higher the bit rate, the higher the sound quality, but also the larger the files.

Sampling rate

This value shows how many times per second the data is sampled (recorded). For example, music CDs use a sampling rate of 44.1 kHz, so the sound is sampled (recorded) 44,100 times per second. The higher the sampling rate, the higher the sound quality, but also the larger the volume of data.

Encoding

Converting music CDs, WAVE (AIFF) files, and other sound files into the specified audio compression format.

Tag

Song information such as track titles, artist names, album names, etc., written into MP3/WMA files.

Root folder

The root folder (or root directory) is found at the top of the file system. The root folder contains all folders and files. It is created automatically for all burned discs.

Sound Setting

AUDIO/SETUP
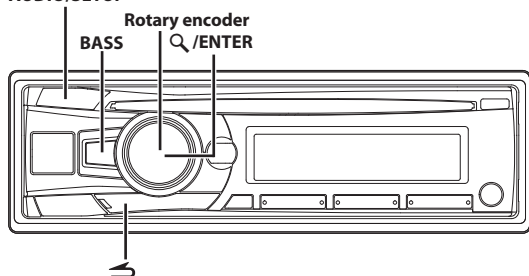
BASS

Rotary encoder
Q/ENTER

Adjusting Subwoofer Level/Bass Level/Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/Defeat

1 **Press AUDIO repeatedly to choose the desired mode.**

Each press changes the mode as follows:

SUBWOOFER[*1/*2] → BASS LEVEL[*2/*3] → TRE LEVEL[*2/*3] → BALANCE → FADER → DEFEAT → VOLUME → SUBWOOFER

*1 When the subwoofer mode is set to OFF, its level cannot be adjusted, refer to "Turning Subwoofer ON/OFF" on page 16.
*2 Not displayed when BASS ENGINE SQ mode is selected. Refer to "Switching BASS ENGINE SQ mode" on page 18.
*3 Adjustable only when DEFEAT is OFF.

Subwoofer	+0 ~ +15
Bass level	−7 ~ +7
Treble level	−7 ~ +7
Balance	L15 ~ R15
Fader	R15 ~ F15
Defeat	ON/OFF
Volume	0 ~ 35

Note
* If no operation is performed for 5 seconds, the unit automatically returns to normal mode.

2 **Turn the Rotary encoder until the desired sound is obtained in each mode.**

By setting DEFEAT ON, previously adjusted level settings of BASS and TREBLE will return to the factory defaults.

Sound Setting

You can flexibly customize the unit to suit your own preference and usage. From the AUDIO SETUP menu, Audio Setting can be modified.

Use steps 1 to 5 to select the category you wish to modify. For details on how to change each setting, see the following sections below.

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select AUDIO, and then press Q/ENTER.**

3 **Turn the Rotary encoder to select the desired sound setting menu, and then press Q/ENTER.**

EQ PRESETS[*1/*2/*3] ↔ BASS ENGIN[*4] ↔ PARAMETER[*5] ↔ 9BAND P-EQ[*1/*3/*6] ↔ SOURCE VOL ↔ HPF[*1/*3] ↔ SUBWOOFER[*7] ↔ SUBW LPF[*1/*3/*8] ↔ SUBW PHASE[*1/*8/*9] ↔ SUBW SYS[*3/*8] ↔ POWER IC ↔ MX SETTING[*1/*3] ↔ EQ PRESETS

*1 Adjustment cannot be performed when DEFEAT is set to ON.
*2 Any changes made to either EQ PRESETS or 9BAND P-EQ are reflected in the others' settings.
*3 These items are not adjustable in BASS ENGINE SQ mode. If you want to adjust these items separately, follow the confirm message and select "YES" to exit BASS ENGINE SQ mode, then make the setting.
*4 Not displayed when the Audio Setup mode is activated by pressing BASS.
*5 Not displayed when BASS ENGIN is set to OFF.
*6 In step 3, after selecting a Band (BAND1 to BAND9) from 9BAND P-EQ adjustment mode. Turn the Rotary encoder to select the desired item, and then press Q/ENTER to continue to step 4.
*7 This item is also related to BASS ENGINE SQ mode when you adjust sound settings via the TuneIt App on a Smartphone. Refer to "Adjusting the sound via the Smartphone" on page 20.
*8 These functions are inoperable when Subwoofer is set to OFF.
*9 Not displayed when SUBW LPF is set to OFF.

4 **Turn the Rotary encoder to change the setting, and then press Q/ENTER.**

(e.g. Select SUBWOOFER ON or SUBWOOFER OFF)

5 **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

Notes
* Adjustment cannot be performed during a call.
* Pressing ⏎ returns to the previous Sound menu mode.
* If no operation is performed for 60 seconds, Sound menu mode is canceled.
* You can access the Sound menu mode directly by pressing BASS when BASS ENGIN is set to OFF. Refer to "Setting BASS ENGINE SQ ON/OFF" on page 16.

Equalizer Presets

10 typical equalizer settings are preset at the factory for a variety of musical source material. USER settings are created in the 9BAND P-EQ mode.

USER ↔ FLAT (Initial setting) ↔ POPS ↔ ROCK ↔ NEWS ↔ JAZZ ↔ ELEC DANCE ↔ HIP HOP ↔ EASY LIS ↔ COUNTRY ↔ CLASSICAL

Note
* The 9-Band, Parametric EQ is used to create the EQ PRESETS settings.

15-EN

Setting BASS ENGINE SQ ON/OFF

This function provides a short cut for BASS ENGINE SQ setting.
EQ PRESETS, 9BAND P-EQ, etc., will no longer be adjustable when ON is set.

❚ **Setting item:** BASS ENGIN

Setting contents:
OFF (Initial setting) / ON

OFF (MANUAL SET mode):
Adjust each audio effect setting separately.

ON (BASS ENGINE SQ mode):
Adjust BASS ENGINE SQ via a short cut.

Note
- *You can also set BASS ENGINE SQ ON/OFF directly by pressing and holding* **BASS**. *Refer to "Switching BASS ENGINE SQ mode" on page 18.*

Displaying the BASS ENGINE SQ PARAMETER

After setting BASS ENGIN to ON, you can display the current BASS ENGINE SQ Parameter.

❚ **Setting item:** PARAMETER

Displaying contents:
The name of the parameter currently selected is displayed. (INITIAL / TUNEIT A ~ TUNEIT E)

Adjusting the Parametric Equalizer Curve (9BAND P-EQ)

You can modify the Equalizer settings to create a response curve more appealing to your personal taste.

1 After selecting a BAND (BAND1 ~ BAND9) from the 9BAND P-EQ adjustment mode, turn the **Rotary encoder** to select the desired setting item, and then press 🔍 **/ENTER.**
CENTER FRQ ↔ WIDTH (Q) ↔ LEVEL ↔ CENTER FRQ

2 Turn the **Rotary encoder** to select the desired setting value, and then press 🔍 **/ENTER.**

3 Press ⏏ to return to the previous step.

Adjusting the Frequency (CENTER FRQ)

Adjustable frequency bands: 20 Hz to 20 kHz

Band1	20 Hz ~ 100 Hz (63 Hz)
Band2	63 Hz ~ 315 Hz (125 Hz)
Band3	125 Hz ~ 500 Hz (250 Hz)
Band4	250 Hz ~ 1 kHz (500 Hz)
Band5	500 Hz ~ 2 kHz (1 kHz)
Band6	1 kHz ~ 4 kHz (2 kHz)
Band7	2 kHz ~ 7.2 kHz (4 kHz)
Band8	5.8 kHz ~ 12 kHz (8 kHz)
Band9	9 kHz ~ 20 kHz (16 kHz)

Setting the Bandwidth (WIDTH (Q))

Setting contents:
3.0 (Initial setting) / 4.0 / 5.0

Adjusting the Level

Setting contents:
−7 to +7 (Initial setting: 0)

Notes
- *BAND2 and BAND8 are the same as the Bass and Treble controls. Their Level adjustment can also be controlled by pressing* **AUDIO** *and selecting Bass Level or Treble Level. Refer to "Adjusting Subwoofer Level/Bass Level/Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/Defeat" on page 15.*
- *Settings exceeding the frequency of adjacent bands are not available.*
- *While adjusting the 9BAND P-EQ, you should consider the frequency response of the connected speakers.*
- *The 9-Band, Parametric EQ is used to create the EQ PRESETS settings.*

Setting the Source Volume Level

The output level of each source is individually adjustable. For example, if the TUNER level sounds lower than CD, its output can be adjusted without affecting the other sources.

❚ **Setting item:** SOURCE VOL

❚ **Further setting items:** TUNER / SIRIUSXM / DISC / USB / IPOD / BT AUDIO / PANDORA / AUX

Setting contents:
−14 dB ~ +14 dB

Adjusting the High Pass Filter

The High Pass Filter on this unit can be adjusted to suit your personal taste.

❚ **Setting item:** HPF

Setting contents:
OFF (Initial setting) / 60 (Hz) / 80 (Hz) / 120 (Hz) / 160 (Hz)
All frequencies above the selected cutoff are output.

Turning Subwoofer ON/OFF

When the subwoofer is on, you can adjust the subwoofer output level (refer to "Adjusting Subwoofer Level/Bass Level/Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/Defeat" on page 15).

❚ **Setting item:** SUBWOOFER

Setting contents:
OFF / ON (Initial setting)

OFF:
No subwoofer signal is output from the Subwoofer RCA Connectors (refer to "Connections" on page 49).

ON:
The subwoofer signal is output from the Subwoofer RCA Connectors (refer to "Connections" on page 49).

Adjusting the Low Pass Filter

The Low Pass Filter on this unit can be adjusted to suit your personal taste.

▌ **Setting item:** SUBW LPF

Setting contents:

OFF (Initial setting) / 60 (Hz) / 80 (Hz) / 120 (Hz) / 160 (Hz)

All frequencies lower than the selected cutoff are output.

Setting the Subwoofer Phase

The subwoofer output phase is toggled between SUBWOOFER NORMAL (0°) or SUBWOOFER REVERSE (180°). Depending on the installation location of your subwoofer, one of these settings may sound better than the other.

▌ **Setting item:** SUBW PHASE

Setting contents:

NORMAL (Initial setting) / REVERSE

Setting the Subwoofer System

When the subwoofer is on, you can select either SYSTEM 1 or SYSTEM 2 for the desired subwoofer effect.

▌ **Setting item:** SUBW SYS

Setting contents:

SYSTEM 1 / SYSTEM 2 (Initial setting)

SYSTEM 1:
Subwoofer level changes according to the main volume setting.

SYSTEM 2:
Subwoofer level change is different from the main volume setting. For example, even at low volume settings, the subwoofer is still audible.

External Device

Connecting to an External Amplifier (POWER IC)

When an external amplifier is connected, sound quality can be improved by stopping the power supply of the built-in amplifier.

▌ **Setting item:** POWER IC

Setting contents:

OFF / ON (Initial setting)

OFF:
Use this mode when the line output of this unit is used to drive an external amplifier. In this setting, the head unit's internal amplifier is turned OFF and cannot drive speakers.

ON:
The speakers are driven by the built-in amplifier.

OFF:
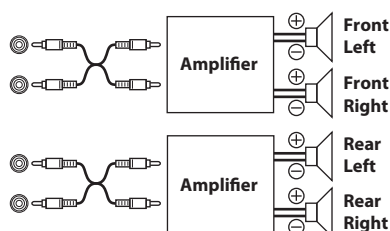
ON:
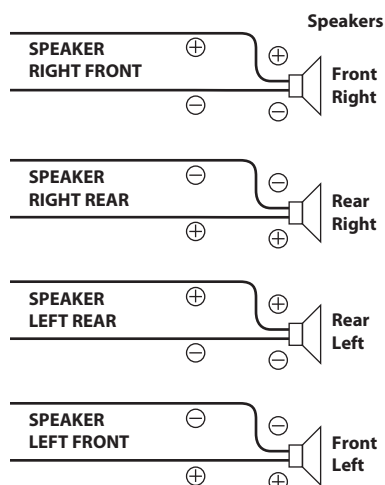
Note
- *No sound is produced by the system when the power output is set to OFF.*

Setting the Media Xpander mode

MX (Media Xpander) makes vocals or instruments sound distinct regardless of the music source. The CD and iPod, etc. will be able to reproduce the music clearly even in cars with a lot of road noise.

▌ **Setting item:** MX SETTING

1 Turn the **Rotary encoder** to select the source to which you want to apply Media Xpander, and then press 🔍 **/ENTER.**

FM ↔ SIRIUSXM ↔ CD ↔ CMPM* ↔ USB ↔ IPOD ↔ BT AUDIO ↔ PANDORA ↔ AUX ↔ FM

* *Be applied for MP3/WMA files in disc.*

2 Turn the **Rotary encoder** to select the Media Xpander level, and then press 🔍 **/ENTER.**

OFF ↔ LEVEL 1 ↔ LEVEL 2 ↔ LEVEL 3

Note
- *There is no MX mode for AM radio.*

BASS ENGINE SQ Function

With the BASS ENGINE SQ function on this unit, several parameters affecting Bass performance are adjusted simultaneously. The Bass Level adjustment varies these parameters uniformly for optimum Bass effect at different levels.

Switching BASS ENGINE SQ mode

Press and hold BASS for at least 2 seconds to switch the sound mode.

BASS ENGINE SQ ↔ MANUAL SET (Initial setting)

BASS ENGINE SQ:
Adjust the relevant Bass parameters uniformly and automatically.

MANUAL SET:
Adjust each audio effect setting separately and manually.

Notes
- *This operation can also be performed by selecting BASS ENGIN in Audio Setup mode. Refer to "Setting BASS ENGINE SQ ON/OFF" on page 16.*
- *You can access the Sound menu mode directly by pressing **BASS** when BASS ENGIN is set to OFF.*
- *You can set this item via the TuneIt App on a Smartphone. Refer to "Adjusting the sound via the Smartphone" on page 20.*

Adjusting BASS ENGINE SQ Level

With BASS ENGINE SQ ON, adjusting the Bass Level uniformly effects various sound parameters for optimum Bass effect.

1 Press BASS to display the BASS ENGINE SQ Level adjustment screen.

The unit's back lighting changes to white amber during this period.

2 Turn the Rotary encoder to select the desired level (0 - +6).

The initial level is +3.

Notes
- *Adjustable only when DEFEAT is OFF.*
- *The Bass parameters affected contain EQ PRESETS, 9BAND EQ, HPF, SUBWOOFER (when set this item via TuneIt App), SUBW LPF, SUBW SYS and MX SETTING. These items are set automatically in BASS ENGINE SQ mode and cannot be adjusted separately.*
- *From Level 0 to Level 6, the effect of BASS ENGINE SQ Enhance increases level by level.*
- *If no operation is performed for 5 seconds, the unit automatically returns to normal mode.*

About Setup when the external power amplifier is connected.

In order to optimize the BASS ENGINE SQ, we recommend the following power amplifier setup.
After setting up, you can adjust the BASS ENGINE SQ Level according to the music.

1 Set gain of the power amplifier to "MIN".
2 Set the Crossover Mode Sector switch to "OFF".
3 Set the BASS ENGINE SQ of this unit to "ON", and the BASS ENGINE SQ Level to "+3".
4 Play a song of the genre you frequently listen to, and adjust gain of the power amplifier.

Other Functions
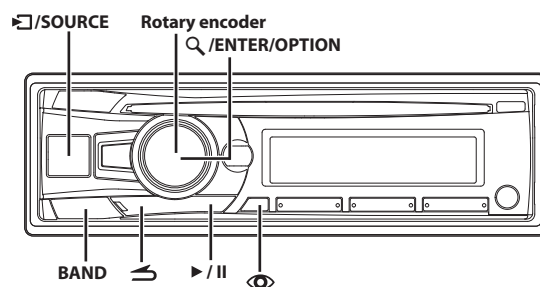
Displaying the Text

Text information, such as the disc name and the track name, will be displayed if playing a CD text compatible disc. It is also possible to display the folder name, the file name and the tag, etc., while playing MP3/WMA files.

Press 👁.

The display will change every time the button is pressed.

Note
- *When the TEXTSCROLL is set to MANUAL, press and hold 👁 for at least 2 seconds, the current text will be scrolled one time (except Radio mode).*

The display in Radio mode:
BAND/FREQUENCY → BAND/CLOCK → SPECTRUM ANALYZER[*1] → BAND/FREQUENCY

The display in CD mode:
TRACK NO./ELAPSED TIME → DISC TEXT[*2]/TRACK TEXT[*2] → TRACK NO./CLOCK → SPECTRUM ANALYZER[*1] → TRACK NO./ELAPSED TIME

The display in MP3/WMA mode:
FOLDER NO./FILE NO./ELAPSED TIME → FOLDER NAME/FILE NAME → ARTIST NAME[*3]/SONG NAME[*3] → ALBUM NAME[*3]/SONG NAME[*3] → FOLDER NO./FILE NO./CLOCK → SPECTRUM ANALYZER[*1] → FOLDER NO./FILE NO./ELAPSED TIME

The display in BLUETOOTH Audio mode:
BT AUDIO/ELAPSED TIME[*4] → ARTIST NAME[*3]/SONG NAME[*3] → ALBUM NAME[*3]/SONG NAME[*3] → BT AUDIO/CLOCK → SPECTRUM ANALYZER[*1] → BT AUDIO/ELAPSED TIME

1 Displays various patterns according to setting. For details, refer to "Setting the Spectrum analyzer" on page 22.
2 Displayed during playback of a disc with CD text. If there is no Text (Disc Name or Track Name), "DISC TEXT"/ "TRACK TEXT" is displayed.
*3 ID3 tag/WMA tag
If an MP3/WMA file contains ID3 tag/WMA tag information, the ID3 tag/WMA tag information is displayed (e.g., song name, artist name, and album name). All other tag data is ignored.
If there is no tag information, "ARTIST"/"ALBUM"/"SONG" is displayed.*
4 Depending on the connected Smartphone, the elapsed time may not be displayed.

About "Text"

Text compatible CDs contain text information such as the disc name and track name. Such text information is referred to as "text".

Notes
- *Some characters may not be displayed correctly with this device, depending on the character type.*
- *"NO SUPPORT" is displayed when the desired text information cannot be displayed on this unit.*
- *The text or tag information may not be correctly displayed, depending on the contents.*

Using the Front AUX Input Terminal

Connect a portable music player, etc. by simply connecting it to the input on the front panel. An optional adapter cable is required (standard RCA to 3.5ø mini-phono plug or 3.5ø to 3.5ø mini-phono plug).

Press ⤵/SOURCE, and select the AUXILIARY mode to listen to the portable device.

Portable player, etc.   **Main unit**

or

Optional adapter cable (RCA pin plugs [red, white] 3.5ø miniplugs) or (3.5ø miniplugs).

Note
- *This function is available only when AUX SETUP is set to ON. For details, refer to "Setting the AUX SETUP mode" on page 21.*

Option Menu Setting

You can quickly adjust the setting items relevant to the current SOURCE by using Option Menu.

1   **Press and hold ⚲/ENTER/OPTION for at least 2 seconds to activate the Option menu of the current source.**

     ### Note
     - *The option menu varies depending on the source.*

2   **Turn the Rotary encoder to select the desired setting item, and then press ⚲/ENTER.**

3   **Turn the Rotary encoder to change the setting, and then press ⚲/ENTER.**

     After the setting, the display will return to the current source automatically.

▌ Setting item:

TUNER mode:
TUNER SET[*1] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ TUNER SET

SiriusXM mode:
TUNE SCAN[*4] ↔ ALERT MEMO[*5] ↔ SXM SET[*6] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ TUNE SCAN

DISC mode:
CD SET[*7] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ CD SET

USB mode:
SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ SOURCE VOL

iPod mode:
APP DIRECT[*8] ↔ IPOD SET[*9] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ APP DIRECT

AUX mode:
AUX SET[*10] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ AUX SET

Pandora mode:
SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ SOURCE VOL

BT AUDIO mode:
BT SET[*11] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ BT SET

Phone mode (Non-calling mode):
PHONE SET[*12] ↔ SOURCE VOL[*13] ↔ PHONE SET

Phone mode (Calling mode):
MIC GAIN[*14] ↔ CALL SOUND[*14] ↔ SPK SWITCH[*15] ↔ VOICE MUTE[*16] ↔ CALL WAIT[*17] ↔ END CALL[*18] ↔ SOURCE VOL[*13] ↔ MIC GAIN

- *[*1] The setting items are the same as TUNER setting in SETUP mode. For details, refer to "SETUP" on page 21.*
- *[*2] You can individually emphasize or weaken the volume level of the current source to create your own tonal preference. The setting values in Option mode and in SETUP mode are linked. Refer to "Setting the Source Volume Level" on page 16.*
- *[*3] Refer to "Setting the Media Xpander mode" on page 17.*
- *[*4] Displayed only when SiriusXM Tuner-SXV200 is connected. For details, refer to "Tune Scan Function" on page 38.*
- *[*5] Refer to "Storing the desired Artist and Song Alerts" on page 39.*
- *[*6] ALERTSETUP, GAME ALERT, P-LOCK, SIGNAL IND and TUNE START can be selected in this mode. For details about these settings, refer to "SiriusXM Setting" on page 36.*
- *[*7] PLAY MODE can be selected in this mode. For details, refer to "Playing MP3/WMA Data (PLAY MODE)" on page 22.*
- *[*8] Refer to "Setting the iPod Control" on page 31.*
- *[*9] The setting items are the same as iPod setting in SETUP mode. For details, refer to "iPod/iPhone Search Mode Setting" on page 23.*
- *[*10] AUX NAME can be selected in this mode. For details, refer to "Setting the AUX NAME mode" on page 21.*
- *[*11] FW VERSION can be selected in this mode. You can see the current firmware version about BLUETOOTH by using this setting.*
- *[*12] CALL SOUND, CALLER ID, PB UPDATE, PB ORDER, AUTO ANS, SPEAKER SL and FW VERSION can be selected in this mode. For details about these settings, refer to "BLUETOOTH SETUP" on page 25.*
- *[*13] The Hands free phone talk level, ring tone level and microphone gain level can be adjusted by using this setting. The setting values in Option mode and in SETUP mode are linked. Refer to "Adjusting the volume (SOURCE VOL)" on page 26.*
- *[*14] Refer to "Setting the BLUETOOTH sound quality" on page 26.*
- *[*15] While calling, the call sound can be switched between the unit and Smartphone by using this setting. This operation can also be done by pressing BAND. Refer to "Call Switching Operation" on page 29.*
- *[*16] While calling, and the Voice Mute is activated, the microphone input will mute instantly and "VOICE MUTE" will blink. This operation can also be done by pressing ▶/Ⅱ. Refer to "Muting the microphone input quickly (Voice Mute)" on page 29.*

*17 If there is a waiting call, select this item to display the caller's Name and waiting number (1 or 2). Press 👁 and the display will switch.

*18 Select this item to hang up the call.

Notes

- Press ⏏ to return to the previous mode.
- If no operation is performed for 60 seconds, the unit will return to normal mode automatically.

Applying TuneIt

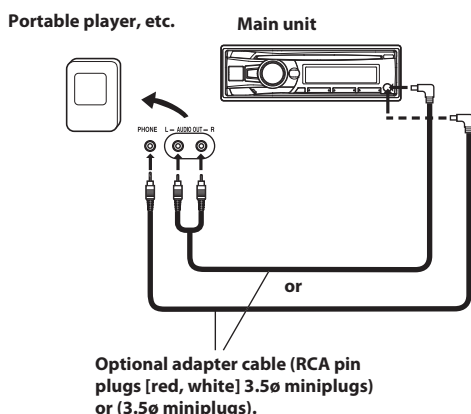This unit's sound tuning is programmable from a connected Smartphone. It is also possible to download specific parameters for certain vehicles from Alpine's TuneIt database stored in the Cloud. Using the TuneIt App, customized parameters can also be uploaded for others to share and rate.

Through this unit, it is also possible to receive and respond to information from Alpine's Social Network Service (SNS) available through the connected Smartphone.

The installed TuneIt App should be launched on the Smartphone before connection to the head unit.

TuneIt, is downloadable from Apple's App Store; the Android user can download it from Google Play. For details, consult your Alpine dealer. Before these operations, set ALPINE APP to USB or BT depending on the connected Smartphone. For details, refer to "Setting the communication mode with a Smartphone (ALPINE APP)" on page 23.

Notes

- The application program and related specifications and data may be deleted or terminated without notice.
- Some TuneIt functions may not be available if the Smartphone is not in a service area or receives no signal.

Adjusting the sound via the Smartphone

After setting the above procedure, the 🎛 indicator lights up, and then you can adjust the unit's sound function on the Smartphone.

1 Make sure the unit is powered on.

2 Launch the TuneIt App on the Smartphone. Adjust the unit's sound accordingly on the Smartphone.

During sound setting, the 🎛 indicator may blink.

Notes

- Volume level cannot be adjusted via the Smartphone.
- The setting cannot be done on both the Smartphone and this unit at the same time. While the sound function of this unit is set via the Smartphone, sound function settings on CDE-154BT will be displayed as "APPCONNECT".
- In some situations, such as the unit is powered off, during a call etc., sound setting cannot be done via the Smartphone.
- This function may not be available depending on the paired Smartphone.
- Please obey all local traffic laws while using this function.

Facebook Notification Function

Some functions may be available in a future version of TuneIt.

Note

- Depending on the paired Smartphone, the following functions may not be available even though the TuneIt version is updated.

Receiving Notification

When the Smartphone connected to this unit receives notification from Facebook, the unit's back lighting and the 📩 indicator blinks (depending on the TuneIt settings on the phone). At the same time, the user's name is shown in the display (20 characters maximum). Play back the notification via TTS (Text To Speech) by the following procedure.

1 While receiving Notification from Facebook, press 📩 / SOURCE button.

Notification Menu screen is displayed.

2 Turn the **Rotary encoder** to select the desired mode, and then press 🔍 / ENTER.

LIKE[*1] ↔ REPLAY ↔ NEXT ↔ PREVIOUS ↔ TTS VOLUME[*2]

*1 Not displayed when the received Notification is Message type.

*2 It can also be set in SETUP section. For details, refer to "Setting the TTS (Text To Speech) volume" on page 23.

LIKE:	The Smartphone feedbacks to Facebook with "Like", and meanwhile, the received Wall Posts or Comments are played back by TTS (Text To Speech).
REPLAY:	To play back Notification by TTS (Text To Speech) again.
NEXT:	To select the next Notification.
PREVIOUS:	To select the previous Notification.
TTS VOLUME:	To adjust the playback volume of TTS (Text To Speech).

Notes

- Press ⏏ to return to the previous mode.
- A new received Notification prompt will last for 30 seconds. If there is no operation within 30 seconds, the unit will return to normal mode.
- In some situations, such as the unit is powered off or during a call etc., Notification of the Smartphone will not be prompted by this unit.

Displaying Notification List

You can view the received Notification from Facebook in the connected Smartphone via this unit.

1 Press and hold 📩 / SOURCE for at least 2 seconds.

The received Notification will be displayed according to when it was posted.

2 Turn the **Rotary encoder** to select the desired Notification, and then press 🔍 / ENTER.

3 Then go to step 2 of "Receiving Notification".

Notes

- When there is no Notification, "NO NOTIF" will be displayed.
- The displayable amount of the Notification list depends on the connected Smartphone.
- If no operation is performed for 60 seconds, the unit will return to normal mode automatically.

SETUP

AUDIO/SETUP

Rotary encoder
Q /ENTER

▶▶|

/SOURCE ⇆ |◀◀   6
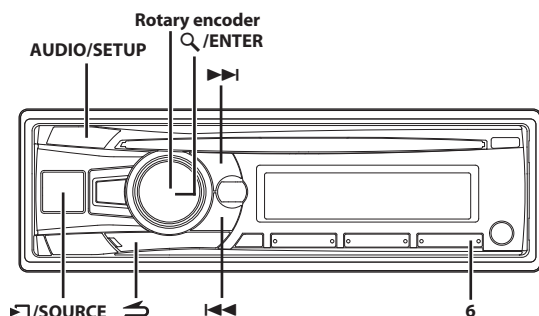
Setting

You can flexibly customize the unit to suit your own preferences and usage. From the SETUP menu, GENERAL Setting, DISPLAY Setting, etc., can be modified.

> **Use steps 1 to 5 to select one of the SETUP modes to modify. See the applicable section below for details about the selected SETUP item.**

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select the desired item, and then press Q /ENTER.**
AUDIO*1 ↔ GENERAL ↔ DISPLAY ↔ TUNER ↔ SIRIUSXM*2 ↔ IPOD ↔ APP ↔ BLUETOOTH*3 ↔ AUDIO
(e.g. Select GENERAL)

GENERAL:
CLOCK MODE↔ CLOCK ADJ*4 ↔ AUX SETUP ↔ AUX NAME*5 ↔ INT MUTE ↔ PLAY MODE ↔ STAY ON ↔ DEMO MODE ↔ CLOCK MODE

DISPLAY:
ILLUMINATI ↔ ANALYZER ↔ DIMMER ↔ TEXTSCROLL ↔ SCROLLTYPE ↔ ILLUMINATI

TUNER:
TUNER FREQ ↔ FM SET ↔ TUNER FREQ

IPOD:
IPOD LIST

APP:
ALPINE APP ↔ TTS VOLUME ↔ ALPINE APP

*1   Refer to "Sound Setting" on page 15.
*2   Refer to "SiriusXM Setting" on page 36.
*3   Refer to "BLUETOOTH SETUP" on page 25.
*4   Refer to "Setting Time" on page 10.
*5   Displayed only when AUX SETUP is set to ON.

3 **Select an Item with the Rotary encoder, and then press Q /ENTER.**
(e.g. Select AUX SETUP)

4 **Turn the Rotary encoder to change the setting, and then press Q /ENTER.**
(e.g. Select ON or OFF)

5 **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

Notes
- *Press ⇆ to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

General Setting

GENERAL is selected on the setup main menu in step 2.

Setting the Clock Display (CLOCK MODE)

You can select the clock display type, 12-hour or 24-hour, depending on your preference.

❚ **Setting item:** CLOCK MODE

Setting contents:
12H (Initial setting) / 24H

Setting the AUX SETUP mode

You can input the audio of an external device, (such as a Portable audio player) to the AUX connector of this unit.

❚ **Setting item:** AUX SETUP

Setting contents:
OFF / ON (Initial setting)

OFF:
When set to OFF, AUX source cannot be selected.

ON:
Set to ON when a portable device is connected. If /SOURCE is pressed and AUX is selected, the sound of the portable device is input to the unit.

Setting the AUX NAME mode

You can change the AUX NAME display in the SETUP mode.

❚ **Setting item:** AUX NAME

Setting contents:
AUXILIARY (Initial setting) / TV / DVD / PORTABLE / GAME

Turning Mute Mode On/Off (INT MUTE)

If a device having the interrupt feature is connected, audio will be automatically muted whenever the interrupt signal is received from the device.
Make sure the Audio Interrupt In Lead (Pink/Black) is connected to the terminal where the voltage becomes 0 V (GND) when a sound from External Unit is input into AUX. Otherwise, this function may not operate. For details, refer to "Connections" on page 49.

❚ **Setting item:** INT MUTE

Setting contents:
OFF AUX (Initial setting) / ON

OFF AUX:
When the interrupt signal is received from device, the AUX source volume will be output from the unit.

ON:
When the interrupt signal is received from device, no sound will be output.

Playing MP3/WMA Data (PLAY MODE)

This unit can play back CDs containing both CD and MP3/WMA data (created in Enhanced CD (CD Extra) format). However, in some situations, playback of an enhanced CD may be difficult. In this case, you can choose to play back the CD data session only. When a disc contains both CD and MP3/WMA data, playback starts from the CD data portion of the disc.

❚ **Setting item:** PLAY MODE

Setting contents:
CD-DA / CDDA/MP3 (Initial setting)

CD-DA:
Only the CD data in Session 1 can be played back.

CDDA/MP3:
CD data, MP3/WMA files in mixed mode, and multi-session discs can be played back.

Note
- *Perform this setting before inserting a disc. If a disc has already been inserted, remove it first.*

Setting the stay on mode

You can set the delay in turning OFF the unit's power after the vehicle's ignition is turned off (ACC OFF). When you select a mode other than OFF, the music will be paused after you turn the ignition key off (ACC OFF). At the same time, the prompt "PRESS PRESET 6 TO STAY ON" will scroll once. Press **6** within 15 seconds to continue enjoying music for the selected period. If **6** is not pressed, the unit will power off within 15 seconds. During this period, you can only receive a call by operating a paired Smartphone.

❚ **Setting item:** STAY ON

Setting contents:
OFF (Initial setting) / 5 MIN / 15 MIN / 30 MIN

Note
- *Note that there is a possibility that the battery may be drained if already weak, during this period.*

Demonstration

This unit has a demonstration feature for the display.

❚ **Setting item:** DEMO MODE

Setting contents:
ON (Initial setting) / OFF / QUITE OFF

ON:
The unit starts the demonstration if there is no operation for 30 seconds.

OFF:
Quit the demonstration mode. Note that if this unit is disconnected from the vehicle's battery, the next time you use this unit the DEMO mode will be ON.

QUITE OFF:
Quit the demonstration mode completely.

Display Setting

DISPLAY is selected on the setup main menu in step 2.

Changing Lighting Color

You can change the lighting color of the unit's buttons/display.

❚ **Setting item:** ILLUMINATI

Setting contents:
OPTION / CUSTOMIZE

OPTION:
A total of 30 colors can be selected.

CUSTOMIZE:
If there is no color you prefer in OPTION, you can customize the color as follows.

1 After entering CUSTOMIZE, turn the **Rotary encoder** to select a color (RED, GREEN, BLUE) you want to adjust, and then press /ENTER.

2 The adjusted color will blink, turn the **Rotary encoder** to select a value (0-60).
R is red, G is green and B is blue.

3 Press /ENTER or to finish the color setting.

4 Repeat steps 1 to 3 to set another color.

Notes
- *In step 2, you can switch to another color setting mode by pressing ◄◄ or ►►.*
- *The setting values in OPTION mode and CUSTOMIZE mode are linked, when the setting value in CUSTOMIZE is different from the one in OPTION, "USER" will be displayed in OPTION mode.*
- *During CUSTOMIZE setting, at least one setting value should be greater than 20.*

Setting the Spectrum analyzer

Adjust the display style on the left of the screen according to personal preference. When a song is played, etc., the spectrum will be displayed on the left side of the screen.

❚ **Setting item:** ANALYZER

Setting contents:
TYPE A (Initial setting) / TYPE B / TYPE C

TYPE A:
Longitudinal Wave

TYPE B:
Block

TYPE C:
Radial

Dimmer Control

Set the Dimmer control to AUTO to decrease the illumination brightness of the unit with the head lights of the vehicle ON. This mode is useful if you feel the unit's backlighting is too bright at night.

❚ **Setting item:** DIMMER

Setting contents:
MANUAL / AUTO (Initial setting)

Scroll Setting (TEXTSCROLL)

This CD player can scroll the disc and track names recorded on CD-TEXT discs, as well as the text information of MP3/WMA files, folder names and tags.

▌ **Setting item:** TEXTSCROLL

Setting contents:
MANUAL (Initial setting) / AUTO

MANUAL:
The display is scrolled when a disc is loaded or when a track is changed, etc.

AUTO:
The current text information of CD, folder, tag, etc. is scrolled automatically.

Note
• *The unit scrolls CD text names, folder names, file names or tag display.*

Scroll Type Setting

Choose from two scrolling methods. Select the type you prefer.

▌ **Setting item:** SCROLLTYPE

Setting contents:
TYPE1 / TYPE2 (Initial setting)

TYPE1:
The characters scroll from right to left, a single character at a time.

TYPE2:
Words are built up from left to right, a single character at a time. When the display is filled, it is cleared and the remaining words are displayed the same way until all words of the title have been shown.

Tuner Setting

TUNER is selected on the setup main menu in step 2.

Setting the TUNER (FM) frequency step (TUNER FREQ)

During manual tuning, you can select the frequency step for FM analog radio station searching.

▌ **Setting item:** TUNER FREQ

Setting contents:
200KHZ (Initial setting) / 100KHZ

Setting the TUNER (FM) tone quality (FM SET)

This unit can set your preferred tonal quality for the FM analog radio stations.

▌ **Setting item:** FM SET

Setting contents:
HI-FI / NORMAL (Initial setting) / STABLE

HI-FI:
High-quality setting

NORMAL:
Standard setting

STABLE:
Control noise

Note
• *Noise may be more noticeable when HI-FI is set, depending on the reception status. In this case, the Normal setting is recommended.*

iPod Setting

"IPOD" is selected on the setup main menu in step 2.

iPod/iPhone Search Mode Setting

The unit allows you to search the iPod/iPhone using nine different search modes.

▌ **Setting item:** IPOD LIST

▌ **Further setting items:** PLAYLISTS / ARTISTS /ALBUMS / AUDIOBOOKS / PODCASTS / GENRES / COMPOSERS / SONGS / GENIUS MIX

Setting contents:
OFF / ON

Notes
• *The search mode for Playlists/Artists/Albums/Podcasts/Genres/ Songs/ Genius Mix is initially set to On. The search mode for Audiobooks/ Composers is initially set to Off.*
• *For search mode details, refer to "Searching for a desired Song" on page 32.*

Application Setting (APP)

APP is selected on the setup main menu in step 2.

Setting the communication mode with a Smartphone (ALPINE APP)

Set ALPINE APP to USB when an iPhone is connected, or set to BT when an Android Smartphone is paired.

▌ **Setting item:** ALPINE APP

Setting contents:
USB (Initial setting) / BT / OFF

USB:
When an iPhone is connected to CDE-154BT's USB port, you can enjoy Pandora, program the unit's sound tuning parameters, or communicate with SNS.

BT:
Set this when an Android Smartphone is paired with this unit via BLUETOOTH technology. At this time, you can enjoy Pandora, program the unit's sound tuning parameters, or communicate with SNS.

OFF:
No Smartphone is connected.

Notes
• *It takes a few seconds to validate this function.*
• *For this function to work properly, specific applications must be installed on your Smartphone before connection. Consult your Alpine dealer or the Alpine website for details.*
• *Only the iPhone and certain Android Smartphones support this function.*

Setting the TTS (Text To Speech) volume

This function allows for readout of comments, etc., on a Smartphone, and outputs sound from the speakers of the unit.
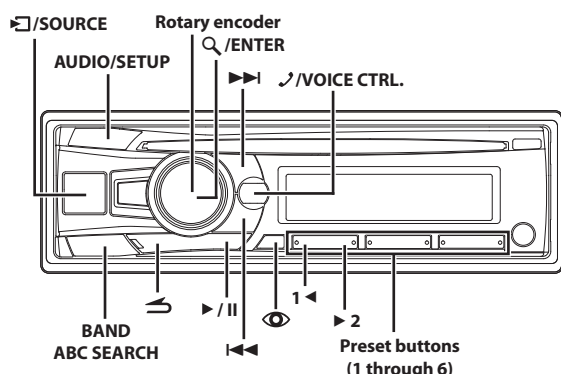
▌ **Setting item:** TTS VOLUME

Setting contents:
0 ~ 35

Note
• *The initial volume level is 12.*

BT Hands Free Calling

/SOURCE   **Rotary encoder /ENTER**

AUDIO/SETUP

►►► /VOICE CTRL.

BAND ABC SEARCH   **►/II**   **◉**   **►2**   **Preset buttons (1 through 6)**

Setup Before Using

About BLUETOOTH

BLUETOOTH is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call or data transmission between BLUETOOTH compatible devices. BLUETOOTH transmission is available in the unlicensed 2.4 GHz spectrum if the distance between devices is within 10 meters. For details, refer to the BLUETOOTH Home page (http://www.bluetooth.com).

Notes
- *Depending on the BLUETOOTH version, a BLUETOOTH compatible device may not be able to communicate with this unit.*
- *Proper function of this unit with all BLUETOOTH compatible devices is not guaranteed. For handling of the BT compatible device, consult your ALPINE dealer or ALPINE website.*
- *Depending on the surroundings, BLUETOOTH wireless connection may be unstable.*
- *When you place a call, or perform setup operations, be sure to stop your car in a safe place.*
- *Depending on the connected BLUETOOTH compatible device(s), the function may differ. Also refer to the Owner's Manual of the connected device(s).*
- *When you search for this unit using the BLUETOOTH compatible phone, the unit name is displayed as "CDE-154Series".*

Before Using BLUETOOTH Function

Before using the BLUETOOTH function, the following settings need to be made.

> **Set BT IN to ON when you want to use Hands-Free phone or BT Audio function. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 25.**

Note
- *Before using BLUETOOTH function, it must be paired with this unit. Refer to "How to connect to a BLUETOOTH compatible device (Pairing)" on page 24.*

How to connect to a BLUETOOTH compatible device (Pairing)

For details on the control from a BLUETOOTH compatible device, refer to the Owner's Manual of the BLUETOOTH compatible device.

1   Using your BLUETOOTH compatible device, select the "CDE-154Series" for pairing.

For BLUETOOTH compatible device with SSP (Secure Simple Pairing)

2-1   Turn the **Rotary encoder** to change the head unit display from "PAIR NO" to "PAIR YES", and then press **/ENTER.**

If "PAIR NO" is selected, the connection will be canceled.

For BLUETOOTH compatible device without SSP (Secure Simple Pairing)

2-2   Input the PIN code ("0000") in a BLUETOOTH compatible device.

Note
- *The PIN code is fixed as "0000".*

3   If the pairing was successful, "CONNECTED" is displayed for a few seconds. The head unit then returns to its previous state.

Auto pairing with an iPod/iPhone

When an iPod/iPhone is connected to the USB port, the unit will automatically pair with it.

1   Make sure USB PAIR is set to ON. Refer to "Setting the Auto Pairing with iPod/iPhone" on page 25.

2   Connect an iPod/iPhone to this unit's USB port.

3   Turn the **Rotary encoder** to select "PAIR YES", and then press **/ENTER.***

If "PAIR NO" is selected, the connection will be canceled.

> * *Depending on the iOS version, you may need to turn on the Bluetooth function manually on the iPod/iPhone side, then perform this step.*

4   If pairing is successful, "CONNECTED" is displayed for a few seconds. The head unit then returns to its previous state.

Notes
- *If the device has been paired with this unit previously, it will not USB Pair automatically.*
- *If the connection is unsuccessful, "FAILED" is displayed.*
- *After a successful pairing, the two devices should connect automatically whenever the vehicle's ignition is turned ON. If the auto reconnect fails, try to connection manually.*
- *Set "VISIBLE M" to ON to enable this unit to be recognized by a BLUETOOTH compatible device, refer to "Setting the Visible Mode" on page 25.*

BLUETOOTH SETUP

The following steps 1 to 5 are common to the various BLUETOOTH functions. For details, refer to each individual function.

Note
- Set BT IN to ON, and then perform BLUETOOTH SETUP operation. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 25.

1 Press and hold **AUDIO/SETUP** for at least 2 seconds to activate the SETUP mode.

2 Turn the **Rotary encoder** to select "BLUETOOTH", and then press 🔍 **/ENTER**.

The BLUETOOTH setup mode is activated.

3 Turn the **Rotary encoder** to select the desired items, and then press 🔍 **/ENTER**.

BLUETOOTH:

BT IN[*1] ↔ USB PAIR ↔ PAIRED DEV ↔ VISIBLE M ↔ CALL SOUND ↔ CALLER ID ↔ PB UPDATE[*1] ↔ PB ORDER ↔ AUTO ANS ↔ SPEAKER SL ↔ FW VERSION ↔ FW UPDATE[*1] ↔ BT IN

*1 The items are not displayed during a phone call.

4 Turn the **Rotary encoder** to change the settings.

5 Press and hold **AUDIO/SETUP** for at least 2 seconds.

The SETUP mode is canceled.

Notes
- Press ⮐ to return to the previous mode.
- If no operation is performed for 60 seconds, the unit will return to normal mode automatically.

Setting the BLUETOOTH Connection (BT IN)

With BLUETOOTH technology, you can place a hands-free call by a BLUETOOTH-equipped Smartphone.
Audio information of a BLUETOOTH compatible Smartphone, a portable audio player, etc., is controllable/playable wirelessly from this unit.

▌ **Setting item:** BT IN

Setting contents:
OFF / ON (Initial setting)

OFF:
Hands-Free Phone function and BLUETOOTH Audio function are not used.

ON:
Select when you want to pair your BLUETOOTH compatible phone with this unit or use BLUETOOTH Audio function.

Note
- When BT IN is set to OFF, the indicators related to Hands-free phone (🔋 battery charge and 📶 signal strength) will not be displayed.

Setting the Auto Pairing with iPod/iPhone

By setting this item to ON, the unit will auto pair when an iPod/iPhone is connected to this unit via the USB port.

▌ **Setting item:** USB PAIR

Setting contents:
OFF / ON (Initial setting)

OFF:
Turn off the auto pair function.

ON:
Auto pair when an iPod/iPhone is connected to this unit via the USB port.

Note
- USB Auto-Pairing cannot take place if either device has been paired previously. Make sure the device name of both has been deleted from each device.

Setting the BLUETOOTH Device

Select one of 5 connected BLUETOOTH compatible devices that you previously registered.

▌ **Setting item:** PAIRED DEV

1 Turn the **Rotary encoder** to select a BLUETOOTH compatible device you want to use (you want to change connection), and then press 🔍 **/ENTER**.

2 Turn the **Rotary encoder** to select "CONNECT" to connect the selected device.

The connected device is marked with "📱". Select "DISCONNECT" to disconnect this device. Select "CLEAR" when you want to clear the device from the device list.

Notes
- If the connection is successfully changed, "CONNECTED" is displayed for 2 seconds and the ❸ indicator lights up, then the display returns to the SETUP screen.
- If a Smartphone is connected to this unit successfully, the 🔋 indicator lights up to show the battery charge of the connected Smartphone. The 🔋 indicator lights up when the battery charge is about 50%, the 🔋 indicator lights up when the battery charge is not enough, and it blinks as a low level warning. The 🔋 indicator goes out when the battery is drained. At this time, the BLUETOOTH function is unavailable due to the Smartphone powered off.
- Indicator 📶 (Signal Strength):
The indicator will display the current signal strength of your service provider. The 📶 indicator blinks when the signal of the connected Smartphone is very weak. The 📶 indicator goes out when the Smartphone is not in service area or receives no signal.
- Depending on the connected Smartphone, the 🔋 (battery charge), and 📶 (signal strength) indicators may not be displayed.
- A total of 5 devices can be registered. If a 6th device is registered, the earliest registered device will be deleted automatically.

Setting the Visible Mode

You can set whether this unit can be recognized or not from a BLUETOOTH compatible device. Normally set this to VISIBLE M ON.

▌ **Setting item:** VISIBLE M

Setting contents:
OFF / ON (Initial setting)

OFF:
Disable recognition of this unit from the BLUETOOTH compatible device.

ON:
Enable recognition of this unit from the BLUETOOTH compatible device.

Setting the BLUETOOTH sound quality

Change these settings to improve the quality of the outgoing or incoming call.

▌ **Setting item:** CALL SOUND

▌ **Further setting items:** SOURCE VOL / TYPE SET

Adjusting the volume (SOURCE VOL)

You can emphasize or weaken the volume level of the Phone call, the ring tone and the microphone input to fit your own preferences.

Setting contents:

PHONE TALK:
−5 dB ~ +5 dB
RING TONE:
−5 dB ~ +5 dB
MIC GAIN:
−5 dB ~ +5 dB

Sound Auto setting (TYPE SET)

Depending on your calling environment, choose one of the settings below which gives the best sound quality.

Setting contents:
TYPE1 (Initial setting) / TYPE2 / TYPE3 / TYPE4 / TYPE5

TYPE1:
Standard Mode (recommended)
TYPE2:
Enhances the noise reduction
TYPE3:
Enhances the echo-cancel
TYPE4:
Enhances both noise reduction and echo-cancel
TYPE5:
Weakens both noise reduction and echo-cancel

Note

* *The functions below are designed to improve the sound quality of the outgoing call.*
Noise reduction: This function can reduce the road noise, but excessive enhancement may affect the sound quality of the call.
Echo-cancel: This function can reduce the echo, but excessive enhancement may affect the sound quality of the call.

Setting the caller information display ON/OFF

You can choose whether to use this function according to the following setting.

▌ **Setting item:** CALLER ID

Setting contents:
OFF / ON (Initial setting)

If you want to keep the ID information of the caller from others, set this item to OFF. Depending on the stored ID information, while you are dialing a number, only the telephone number will be displayed; During a call, "NO NAME" will be displayed; Or while a call is dialing in, only the telephone number will be displayed.

Setting the Phone Book Update

You can update the phone book automatically or manually.

▌ **Setting item:** PB UPDATE

▌ **Further Setting contents:** AUTO/MANUAL

Setting the Phone Book Auto Update ON/OFF (AUTO)

When you select AUTO ON in this step, whenever the vehicle's ignition is turned ON or after the phone is connected with this unit, the phone book will be updated automatically.

Setting contents:
AUTO OFF / AUTO ON (Initial setting)

Note

* *"UPDATING" will be displayed during the phone book update.*

Setting the Phone Book Manual Update ON/OFF (MANUAL)

When you select MANUAL YES in this step, the phone book will be updated immediately regardless if the Auto update function is on or off.

Setting contents:
MANUAL NO (Initial setting) / MANUAL YES

Note

* *"UPDATING" will be displayed during the phone book update.*

Changing the Phone book List Order

The phone book is listed alphabetically by the first letter of FIRST or LAST NAME.
Listing by FIRST NAME is the default but LAST NAME can be selected.

▌ **Setting item:** PB ORDER

Setting contents:
FIRST NAME (Initial setting) / LAST NAME

Note

* *"WAITING" will be displayed while the Phone book order is switching. You can quit the "WAITING" screen to perform other operations by pressing ⤺ when the ordering is still in progress. At this time, the phone book is not accessible. In addition, the ordering may affect the playback of BT AUDIO.*

Setting the Received Calls automatically (Auto Answer)

When a call is received, you can set whether to receive it automatically or not.

▌ **Setting item:** AUTO ANS

Setting contents:
OFF (Initial setting) / ON

OFF:
When a call is received, it is not answered automatically. Press 📞 to receive the call.
ON:
When a call is received, it is answered automatically after about 5 seconds.

Note

* *If the received call setting on the Smartphone is on, the call will be answered automatically even though this setting is set to OFF.*

Selecting the output speaker

Choose the speaker in your vehicle from which you want to hear the call.

▌ **Setting item:** SPEAKER SL

Setting contents:
ALL (Initial setting) / FRONT-L / FRONT-R / FRONT-LR

ALL:
The sound be output from all of speakers in car.

FRONT-L:
The sound only be output from the front left speaker.

FRONT-R:
The sound only be output from the front right speaker.

FRONT-LR:
The sound be output from the front left and front right speaker.

Displaying the firmware version

The current firmware version will be displayed.

▌ **Setting item:** FW VERSION

Updating the firmware

Future BLUETOOTH firmware updates may become available for phone interoperability.
For information to update your BLUETOOTH firmware, please visit your local Alpine website or choose your country from Alpine home page (http://www.alpine-usa.com).

▌ **Setting item:** FW UPDATE

Setting contents:
NO (Initial setting) / YES

Hands-Free Phone Control

About the Hands-Free Phone

Hands-free calls are possible when using a HSP (Head Set Profile) and HFP (Hands-Free Profile) compatible Smartphone with this unit.

Notes
- *Avoid performing a hands-free call in heavy traffic or on narrow or winding streets.*
- *Close the windows while calling to reduce background noise.*
- *If both calling parties are using hands-free devices, or the call is made in a noisy location, difficulty hearing the other person's voice is normal.*
- *Depending on telephone line conditions or certain mobile devices used, voices may sound unnatural.*
- *When using a microphone, speak as directly as you can into the microphone to pick up the best sound quality.*
- *Certain Smartphone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality.*
  Always contact your service provider about feature availability and functionality.
  All features, functionality, and other product specifications, as well as the information contained in the Owner's Manual are based upon the latest available information and are believed to be accurate at the time of printing.
  Alpine reserves the right to change or modify any information or specifications without notice or obligation.

Answering a Call

Incoming calls are announced by the received call ring tone and a displayed message (PHONE).

Press ✆ or ⌕ /ENTER.
The call starts.

Notes
- *When "AUTO ANS" is set to ON, you can receive a call automatically. Refer to "Setting the Received Calls automatically (Auto Answer)" on page 26.*
- *While calling, the source sound on the unit is muted. After calling, playback will resume.*

Hanging up the Telephone

Press ✆ or ⏏.
The call finishes.

Calling

Call History is recorded for the last dialed/received/missed calls (20 records for each). There are various ways of making calls based on the "Calling". The following steps 1 to 5 are common to the various ways of making these calls. For details, refer to each individual category for making calls.

1 **Press ✆.**

The outgoing method list is displayed.

2 **Turn the Rotary encoder to select the outgoing mode.**

Setting contents:
DIALED / RECEIVED / MISSED / PHONE BOOK

DIALED:
Dialed history

RECEIVED:
Received history

MISSED:
Missed incoming history

PHONE BOOK:
Smartphone phone book

3 **Press ⌕ /ENTER.**

The outgoing mode is activated, and each mode list is displayed.

Note
- *It may take some time for the list to be displayed after connection. This list may not always update, depending on the connected device.*

4 **Turn the Rotary encoder to select a name or a telephone number from the list.**

Note
- *You can use Phone book alphabet search function to search a name or number from Phone Book. For details, refer to "Phone book Alphabet Search Function" on page 28.*

5 **Press ⌕ /ENTER.**

The selected telephone number will be called.
If one name has several numbers registered in the telephone book, press ⌕ /ENTER after selecting the name*, and then turn the **Rotary encoder** to choose the desired number and press ⌕ /ENTER, the telephone will be called.

* *If the name cannot be recognized, "NO NAME" will be displayed.*

Redialing a Number In Outgoing History

Previously dialed telephone numbers (maximum number of call record is 20) are stored in dialed calls history. You can redial a number by searching from dialed calls history.

▌ **Setting item:** DIALED

Dialing a Number In Incoming History

Telephone numbers from received calls (maximum number of call record is 20) are stored in the Received List. You can redial these numbers by searching here.

▌ **Setting item:** RECEIVED

Dialing a Number In Incoming Missed Call History

Telephone numbers for received calls (maximum number of call record is 20) that are missed, are stored in the Missed List. You can redial these numbers by searching here.

▌ **Setting item:** MISSED

Dialing a Number In The Phone Book

Up to 1,000 names (at most 5 telephone numbers for each name) are downloadable from a Smartphone. Dial a call by selecting a person from the phone book list.

▌ **Setting item:** PHONE BOOK

Notes
- *The order of the list display depends on the setting of "PB ORDER" (refer to "Changing the Phone book List Order" on page 26).*
- *If the call history or phone book of the Smartphone is added or deleted while it is connected to the unit, the list displayed on the unit may not be brought up to date. If it is not updated, you cannot correctly place a call.*
- *You can display the information of a number stored in phone book by pressing ◉ . Each press changes the display as Name → Telephone label*/Telephone NO. → Name If the information cannot be obtained, "NO NAME", "NO LABEL" or "NO NUMBER" will be displayed.*
- * *The telephone label of a number depends on the number information stored in Phone book of the Smartphone, which includes 4 types-MOBILE, HOME, OFFICE and OTHER.*

Phone book Alphabet Search Function

You can select the first three letters to search for a desired name in phone book list by using the Phone book alphabet search function.

For example:
Searching a name "Michael James"
The following example explains how the search is performed. Depending on the setting in PB ORDER (refer to "Changing the Phone book List Order" on page 26), the phone book is listed in first name or last name order. Please search for the first name or last name according to the setting.

1 **Press BAND/ABC SEARCH while in the phone book list, the phone book alphabet search mode is activated.**

   The letter selection screen is displayed.

2 **Turn the Rotary encoder to select the first letter (e.g. M), and then press ▶▶I.**

3 **Turn the Rotary encoder to select the second letter (e.g. I), and then press ▶▶I.**

4 **Turn the Rotary encoder to select the third letter (e.g. C), and then press ⊙ /ENTER.**

   The names stored in phone book which begin with "MIC" are searched.

5 **Turn the Rotary encoder to select the desired name (e.g. Michael James), and then press ⊙ /ENTER to make the call.**

Notes
- *The Alphabet Search Function is only applicable to English alphabet characters.*
- *If the selected name has more than one number registered in the phone book, you need to turn the Rotary encoder to select the desired number, and then press ⊙ /ENTER.*
- *Press I◀◀ in step 3 or 4 to delete the current entry and return to the previous step.*
- *You can search for a name by its first letter, first two letters or first three letters. Press ⊙ /ENTER after entering the desired number of letters. A list displays the names beginning with the entered letter(s).*

Voice Control Operation

When a Smartphone equipped with voice recognition function is paired with this unit, the Smartphone can be controlled by Voice Control via this unit.

   Press and hold VOICE CTRL. for at least 2 seconds to activate the Voice Recognition mode.

   After the Voice Recognition mode is activated and "SPEAK" is displayed, you can make a phone call, play a song, etc., via this unit by inputting voice control commands*.

   * *Please refer to your Smartphone manual for other voice control commands.*

Notes
- *You can perform this operation only when a Voice recognition compatible Smartphone is connected. If the Smartphone is not compatible with the Voice recognition, "NO SUPPORT" is displayed for 2 seconds.*
- *The Voice recognition performance depends on the Smartphone and mounting location of the microphone. Please pay attention when the microphone is mounted.*
- *Voice recognition operation depends on the function of the Smartphone. For details, refer to the Owner's Manual of the Smartphone.*
- *If the person you are calling is not found, "NO CALL" is displayed for 2 seconds.*
- *Please obey all local traffic laws while using this function.*

Call waiting function

If a second call is received during a current call, you can have the first caller wait momentarily while you take the second call. When you are finished with one call, you can switch to the other one.

   If a second call is received during the current call (call1), the information of second caller (call2) is displayed instead of the current caller's name. Press 2, the call waiting mode is activated.

   In this case, call1 is on hold, while you take call2.

Notes
- *In the call waiting mode, press 1 or 2 to switch between the current call and the person on hold.*

- *In the call waiting mode, press and hold 1 or 2 for at least 2 seconds to hang up call1 or call2, and the other call will be answered automatically. (The action depends on the paired device.)*
- *In the call waiting mode, you can press ⬤ to change the display between waiting number (1or 2) and caller name.*

Preset a number in the Phone Menu (Shortcut dial)

Assign numbers that you dial frequently to presets for quick recall. You can assign up to six frequently called phone numbers to number presets.

> **Select a number you want to preset from the Phone Menu list (PHONE BOOK, DIALED, etc.). Press and hold any one of the preset buttons (1 through 6) as the one that you wish to store the number for at least 2 seconds.**
>
> The phone number you selected is stored in presets.

Notes

- *If the name has several numbers registered in the phone book, press ＱＱ /ENTER after selecting the name. Turn the **Rotary encoder** to choose the desired number. Press and hold any one of the **preset buttons (1 through 6)** for at least 2 seconds. The selected number is stored as a preset number.*
- *A total of 30 phone numbers can be stored in the preset memory (6 numbers for each Smartphone in the paired device list). If a Smartphone is deleted from the paired device list, the stored preset numbers of this Smartphone are deleted, even when it is paired again.*
- *If you store a phone number in a preset with a previously stored number, the current number will be cleared and replaced by the new one.*

Dialing the preset number

1 **Press any one of the preset buttons (1 through 6) that has had a number stored in the phone mode.**

The information (name/number) stored in the preset station is displayed.

2 **Press Ｑ /ENTER or 📞.**

The stored preset number is dialed directly.

Adjusting the volume when receiving a Call

While calling, you can adjust the volume.

> **Turn the Rotary encoder to adjust the volume.**

Note

- *You may need to increase volume from your regular audio listening source level. However, increasing the volume excessively may result in feedback. Feedback is directly related to the volume. Turning down the volume as low as acceptable, will reduce it. Positioning the microphone in a direction away from the main car speakers (e.g. clipped on sun visor) may also reduce feedback at high volume.*

Muting the microphone input quickly (Voice Mute)

During a call, activating the Voice Mute function will instantly mute the microphone input. Your voice will not be heard by the caller.

> **During a call, press ▶/Ⅱ to mute the microphone input.**
>
> Press ▶/Ⅱ again to bring the microphone input back to its previous volume level.

Call Switching Operation

During a call, this function allows you to initiate the transfer of the audio between the Smartphone and the speakers in the car.

> **During a call, press BAND or press and hold ▶/Ⅱ for at least 2 seconds to switch the call sound between the unit and Smartphone.**

Note

- *Depending on the Smartphone, this operation may not be possible.*

BLUETOOTH Audio Operation

With a Bluetooth compatible Smartphone or music player, it's possible to play and control music playback wirelessly[*].

* *To play back audio, a Smartphone or a portable player conforming to A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/ Video Remote Control Profile) is required.*
Not all functions work with all devices.

Notes

- *Set BT IN to ON when you want to use BLUETOOTH Audio function. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 25.*
- *During a call, sound on the BLUETOOTH audio source is muted.*
- *If you operate the Hands-free phone (e.g. searching in the phone book) while using the BLUETOOTH Audio function, BLUETOOTH Audio playback may be affected.*

Recalling the BLUETOOTH Audio Mode

> **Press ⬐/SOURCE to select the BT AUDIO mode.**

Selecting the desired Song

> **Press ◄◄ or ►►► to select the desired Song.**
>
> Pressing and holding ◄◄ or ►►► will fast backward/fast forward track continuously.

Note

- *The action depends on the paired device.*

Pausing

> **Press ▶/Ⅱ.**
>
> A playback stops. Pressing again will resume a playback.

Selecting the desired Group

> **Press ◄ or ► to select the desired Group.**

Note

- *This function is not available on all paired devices.*

Searching for a desired song

Artist name, album name, etc., may be searched and displayed during playback or pause.

1   Press � /**ENTER** to activate the search mode.

2   Turn the **Rotary encoder** to select the desired Group (Folder), and then press ♏ /**ENTER**.

3   Turn the **Rotary encoder** to select the desired album, folder, etc., within the selected Group (Folder), and then press ♏ /**ENTER**.

4   Repeat step 3 if necessary until the desired song is found.

Notes
- *Search mode may differ depending on the paired device.*
- *The pause mode may be canceled after the search.*
- *This function may not available depending on the paired device.*

Flash Memory (optional)

⏏/SOURCE

▶/ ❚❚
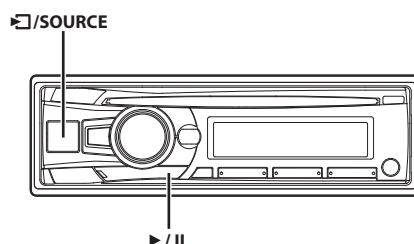
Playback MP3/WMA Files from Flash Memory (optional)

If a Flash Memory device is connected to the unit, MP3/WMA files can be searched and played back.

1   Press ⏏ /**SOURCE** to select the USB AUDIO mode.

2   To pause playback, press ▶/❚❚.

Pressing ▶/❚❚ again will resume playback.

Notes
- *This unit plays back files in Flash Memory with the same controls and modes used for playback of CDs containing MP3/WMA. For details, refer to "CD/MP3/WMA" on page 12.*
- *The root folder is displayed as "\ROOT".*
- *Before disconnecting Flash Memory, be sure to change to another source or set to pause.*
- *The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.*

About MP3/WMA File of Flash Memory

Playing back MP3/WMA

MP3/WMA files are prepared, then stored to a Flash Memory Device. This unit can recognize at most 255 folders and 255 files per folder stored in Flash Memory. Playback may not be performed if a Flash Memory Device exceeds the limitations described above.
Do not make a file's playback time more than 1 hour.

Media supported

This device can play back files stored on Flash Memory devices designed for USB connection.

Corresponding File Systems

This device supports FAT 12/16/32 for Flash Memory devices.

iPod/iPhone (optional)

ᑕ/SOURCE

Rotary encoder
Q/ENTER/OPTION

▶▶|

BAND
ABC SEARCH

▶/Ⅱ

◉

|◀◀

◀

▶

⮌4

⤮5

Preset buttons
(1 through 6)

Connecting an iPod/iPhone

An iPod/iPhone can be connected to this unit by using the Interface cable for iPod (included with iPod/iPhone). When an iPod/iPhone is connected to this unit, you can choose to control the iPod/iPhone using its own controls or by the head unit controls. For details, refer to "Setting the iPod Control" on page 31.

Notes

- *Internet and telephone functions of the iPod touch or iPhone, etc., can also be used when connecting to this unit. However, using these functions will stop or pause the currently playing songs. At this time do not operate the unit to avoid a malfunction.*
- *If you connect an iPhone to this unit, it can be used as an iPod. If you use iPhone as a hands-free phone, use the unit in which the BLUETOOTH function is built.*
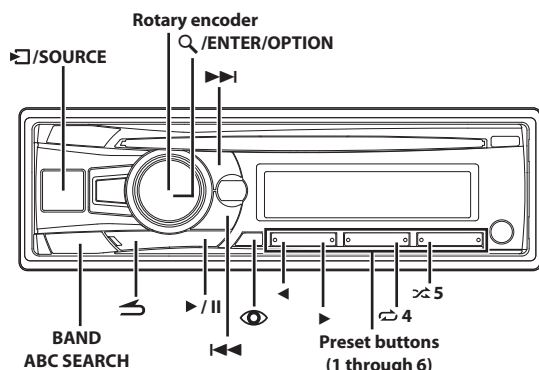- *Do not leave an iPod/iPhone in a car, as its mechanism is sensitive to high temperature and humidity conditions, and damage may result.*

About iPod/iPhone models usable with this unit

- Confirmed devices regarding Made for iPod. Correct function of earlier versions cannot be guaranteed.
  iPod nano (7th generation): Ver.1.0.2
  iPod touch (5th generation): Ver.6.1.3
  iPod touch (4th generation): Ver.6.1.3
  iPod nano (6th generation): Ver.1.2
  iPod touch (3rd generation): Ver.5.1.1
  iPod nano (5th generation): Ver.1.0.2
  iPod classic (160 GB) (Late 2009): Ver.2.0.4
  iPod touch (2nd generation): Ver.4.2.1
  iPod nano (4th generation): Ver.1.0.4
  iPod classic (120 GB): Ver.2.0.1
  iPod touch (1st generation): Ver.3.1.3
  iPod nano (3rd generation): Ver.1.1.3
  iPod classic (80 GB, 160 GB): Ver.1.1.2
- Confirmed devices regarding Made for iPhone. Correct function of earlier versions cannot be guaranteed.
  iPhone 5: Ver.6.1.3
  iPhone 4S: Ver.6.1.3
  iPhone 4: Ver.6.1.3
  iPhone 3GS: Ver.6.1.3
  iPhone 3G: Ver.4.2.1
  iPhone: Ver.3.1.3
- For clarity in identifying your model of iPod, please see Apple's own document "Identifying iPod models" at
  http://support.apple.com/kb/HT1353

- This unit does not support video playback from iPod/iPhone, even using a video-compatible cable.

Setting the iPod Control

When an iPod/iPhone is connected, operate it from its own controls or from the head unit.

1 Press and hold Q/ENTER/OPTION for at least 2 seconds during iPod source.

The Option menu for iPod mode is activated.

2 Turn the Rotary encoder to select APP DIRECT, and then press Q/ENTER.

The iPod control mode will be switched between iPod MODE and HU MODE.

HU (HEAD UNIT) MODE:
Operate the iPod/iPhone via this unit.
This mode allows you to use M.I.X. play, repeat and music search in an iPod/iPhone from the head unit.

Note

- *In HU MODE, if you operate from an iPod/iPhone, the head unit's display and operations may not correspond with those of the iPod/iPhone.*

iPod MODE:
Operate the iPod/iPhone using its own controls. When iPod MODE is selected, some functions will not be operable via the head unit.

Notes

- *During HU MODE, you can switch to iPod MODE directly by pressing BAND.*
- *Once the control mode is changed, the iPod/iPhone is paused. Press ▶/Ⅱ to continue.*

Playback

1 Press ᑕ/SOURCE to switch to the iPod source.

2 Press |◀◀ or ▶▶| to select the desired song.

Pressing and holding |◀◀ or ▶▶| will fast backward/fast forward the current track.

3 To pause playback, press ▶/Ⅱ.

Pressing ▶/Ⅱ again will resume playback.

Notes

- *A song playing on the iPod/iPhone while it is connected to this unit will continue to play from where it was paused after disconnection.*
- *If you listen to an episode from a selected Podcast or Audiobook, the episode can be changed by pressing ◀ or ▶.*
- *An episode may have several chapters. The chapter can be changed by pressing |◀◀ or ▶▶|.*

Searching for a desired Song

An iPod/iPhone can contain hundreds of songs. Use one of the search modes listed below, that you deem most effective in finding a desired song.

Each music category has its own individual hierarchy. Use the Playlist/Artist/Album/Song/Podcast/Genre/Composer/Audiobook/Genius Mix List search mode to narrow searches based on the table below.

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Playlist	Song	—	—
Artist*	Album*	Song	—
Album*	Song	—	—
Song	—	—	—
Podcast	Episode	—	—
Genre*	Artist*	Album*	Song
Composer*	Album*	Song	—
Audiobook	—	—	—
Genius Mix List	—	—	—

For example:

Searching by Artist name
The following example explains how an ARTIST search is performed. Another search mode can be used for the same operation, although the hierarchy differs.

1 Press Q /ENTER to activate the search selection mode.

2 Turn the **Rotary encoder** to select the ARTIST search mode, and then press Q /ENTER.

SHUFFLEALL*¹ ↔ PLAYLIST ↔ ARTIST ↔ ALBUM ↔ SONG ↔ PODCAST ↔ GENRE ↔ COMPOSER ↔ AUDIOBOOK ↔ GENIUS MIX*²/*³ ↔ SHUFFLEALL

*1 Refer to "Random Play Shuffle (M.I.X.)" on page 33.
*2 Depending on the connected iPod/iPhone, Genius Mix function may not be supported.
*3 When an iPod/iPhone with Genius Mix List created by iTunes is connected to this unit, GENIUS MIX search mode can be used to search a Genius Mix List.

Note
- *The display of search mode list varies depending on the setting of iPod LIST. For details, refer to "iPod/iPhone Search Mode Setting" on page 23.*

3 Turn the **Rotary encoder** to select the desired Artist, and then press Q /ENTER.

4 Turn the **Rotary encoder** to select the desired Album, and then press Q /ENTER.

5 Turn the **Rotary encoder** to select the desired Song, and then press Q /ENTER.

Notes
- *This function is unavailable when iPod MODE is selected in "Setting the iPod Control" (refer to "Setting the iPod Control" on page 31). And "iPod CONTROL" will be displayed.*
- *After pressing and holding Q /**ENTER** for at least 2 seconds while in each hierarchy (except SONG, AUDIOBOOK and GENIUS MIX List hierarchy), all songs of the selected hierarchy are played back.*
- *Playback [ALL] is only applicable for those categories marked with"*", press and hold Q /**ENTER** for at least 2 seconds to play back all songs in the iPod/iPhone or selected search mode.*
- *If no operation is performed for 60 seconds, the search mode is canceled.*
- *In the search mode, pressing ⏏ will return to the previous mode.*

- *When search is made during M.I.X. play, the M.I.X. play mode will be canceled.*
- *When search is made during song downloading on iPhone, "UPDATING" will be displayed for a few second and the search mode will be canceled.*
- *"NO SONG" will be displayed if there are no songs in the selected playlist in the PLAYLIST search mode.*
- *"NO PODCAST" will be displayed if there is no podcast data in the iPod/iPhone in the PODCAST search mode.*
- *"NO AUDIOBOOK" will be displayed if there is no audiobook data in the iPod/iPhone in AUDIOBOOK search mode.*
- *"NO GENIUS" will be displayed if there is no genius mix list data in the GENIUS MIX search mode.*
- *If "iPod name" stored in the iPod/iPhone is selected in the Playlist search mode, and Q /**ENTER** is pressed, you can search for all songs in the iPod/iPhone in the PODCAST search mode. Also, if you press and hold Q /**ENTER** for at least 2 seconds, all songs in the iPod/iPhone are played back.*
- *Depending on the iPod/iPhone, podcast search is not supported.*
- *Press any of the **preset buttons (1 through 6)** during a search to skip over a calculated percentage of songs. For details, refer to "Direct Search Function" on page 32.*
- *During search mode, a search can be made quickly by Alphabet search function to find the desired artist or song, etc. For details, refer to "Alphabet Search Function" on page 33.*

Direct Search Function

The unit's direct search function can be used to search for an album, song, etc., more efficiently. In PLAYLIST/ARTIST/ALBUM/SONG/PODCAST/GENRE/COMPOSER/AUDIOBOOK mode, you can quickly target any song.

In the search mode, press any one of the preset buttons (1 through 6) to quickly skip over a designated percent of your song content.

Song search example:
If there are 100 songs in your iPod/iPhone, they are divided into 6 groups using percentages (shown below). These groups are assigned to the preset buttons (1 through 6).

Example 1:
*Suppose the song you are searching for is located at around the middle (50%) of your library: press button 4 to jump to the 50th song and turn the **Rotary encoder** to find the desired song.*

Example 2:
*Suppose the song you are searching for is located near the end (83%) of your library: press button 6 to jump to the 83rd song and turn the **Rotary encoder** to find the desired song.*

	All 100 songs (100%)					
	0%	17%	33%	50%	67%	83%
Preset buttons	1	2	3	4	5	6
Songs	1st song	17th song	33rd song	50th song	67th song	83rd song

Notes
- *This function is inactive during Alphabet Search mode.*
- *This function is also applicable to CD/MP3/WMA search.*

Select Playlist/Artist/Album/Genre/Composer/Episode

Playlist/Artist/Album/Genre/Composer/Episode can be easily changed. For example, if you listen to a song from a selected album, the album can be changed.

Press ◄ or ► to select the desired Playlist/Artist/Album/Genre/Composer/Episode.

Notes

- *If the song search mode was used to select a song, this function is inactive.*
- *If an album is selected during an artist search, other albums by that artist are searchable.*
- *This function is inactive during shuffle (M.I.X.) playback.*

Alphabet Search Function

Quickly find an artist, album, etc. by the first letter in its title or name.

1 **During search mode, press BAND/ABC SEARCH to activate Alphabet Search function.**

2 **Turn the Rotary encoder to select the desired initial letter (e.g. select "M"), and then press $\mathbb{Q}$ /ENTER.**

A list which begins with the selected initial letter is searched.

3 **Turn the Rotary encoder to select the desired item (which begins with initial letter "M"), and then press $\mathbb{Q}$ /ENTER.**

The item is selected.

Notes

- *The Alphabet Search Function is only applicable to English alphabetic characters.*
- *While in Alphabet search mode, pressing ⬑ will return to the previous mode.*
- *If the PLAYLIST search mode is used to search for a song, the Alphabet search function is inactive in the song search hierarchy.*
- *This function is unavailable when GENIUS MIX is selected.*

Search Position Memory

During iPod/iPhone playback, you can quickly return to the last-selected hierarchy level in the search mode.

Press ⬑.

The hierarchy you selected last in the search mode is displayed.

Note

- *This function is unavailable when iPod MODE is selected in "Setting the iPod Control" (refer to "Setting the iPod Control" on page 31).*

Random Play Shuffle (M.I.X.)

The Shuffle function of the iPod/iPhone is displayed as ⤨ on this unit.

Shuffle Albums:
The songs on each album are played back in the order they were recorded. Upon completion of all the songs on the album, the next album is selected randomly. This continues until all albums have been played.

Shuffle Songs:
Song shuffle randomly plays back songs within a selected category (playlist, album, etc.). The songs within the category are played just once until all songs have been played.

1 **Press ⤨ 5.**

The songs are played back in random sequence.
MIX ALBUM[*1] → MIX SONG[*2] → MIX OFF → MIX ALBUM

1 Shuffle Albums.
2 Shuffle Songs.

2 **To cancel M.I.X. play, select (MIX OFF) with the above procedure.**

Note

- *If a song is selected in the album search mode before selecting M.I.X. play, the songs will not play back randomly even when Shuffle Albums is selected.*

Shuffle ALL:
Shuffle ALL plays all songs in the iPod/iPhone randomly. Any one song does not play back again until all songs have been played back.

1 **Press $\mathbb{Q}$ /ENTER to activate the search selection mode.**

2 **Turn the Rotary encoder to select SHUFFLEALL, and then press $\mathbb{Q}$ /ENTER.**

To cancel M.I.X. play, press ⤨ 5 to select OFF.

Notes

- *If Shuffle ALL is selected, the selected songs being played back in the search mode are canceled.*
- *This function is unavailable when iPod MODE is selected in "Setting the iPod Control" (refer to "Setting the iPod Control" on page 31).*

Repeat Play

Only Repeat One is available for the iPod/iPhone.

Repeat One:
A single song is repeatedly played back.

1 **Press ⟳ 4.**

The song is played back repeatedly.
REPEAT ONE[*] → REPEAT OFF → REPEAT ONE

* Repeat One.

2 **To cancel repeat play, select (REPEAT OFF) with the above procedure.**

Note

- *Depending on the connected iPod, track up/down may be not available during Repeat play.*

Displaying the Text

You can display the tag information of a song in the iPod/iPhone.

Press 👁.

Each press changes the display.

Note

- When the TEXTSCROLL is set to MANUAL, press and hold 👁 for at least 2 seconds, the current text will be scrolled one time.
  TRACK NO./ELAPSED TIME → ARTIST NAME[*1]/SONG TITLE[*1] → ALBUM NAME[*1]/SONG TITLE[*1] → TRACK NO./CLOCK → SPECTRUM ANALYZER[*2] → TRACK NO./ELAPSED TIME
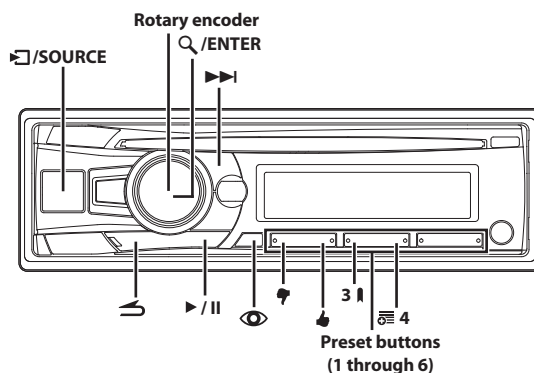
- *1* TAG information
  "ARTIST"/"ALBUM"/"SONG" is displayed if there is no tag information.
- *2* Displays various patterns according to setting. For details, refer to "Setting the Spectrum analyzer" on page 22.

Notes

- The maximum number of characters for the head unit is 70 (70 byte).
- Some characters may not be correctly displayed.

Pandora® internet radio (Optional)

Rotary encoder
🔍/ENTER

📲/SOURCE

▶▶I

Preset buttons
(1 through 6)

🔙 ▶/II 👁 🎤 3 🔊 4

Pandora® internet radio is your own FREE personalized radio now available to stream music on your Smartphone (which runs Android OS or iOS).
Just start with the name of one of your favorite artists, songs or classical composers and Pandora® will create a "station" that plays their music and more music like it.
The unit enables you to interact with your Pandora® account by connecting a Smartphone that has the latest version of the Pandora® application installed.

Notes

- Some Pandora® application functions are not available when using this unit.
- Pandora® is also controllable from an iPod touch with Wi-Fi connection.
- Pandora® is available on iOS and Android OS with this unit.
- Before this operation, set ALPINE APP to USB or BT depending on the connected Smartphone. For details, refer to "Application Setting (APP)" on page 23.

Listening to Pandora®

1 Connect a Smartphone with the latest version of Pandora® installed.

2 Press 📲/SOURCE to switch to the PANDORA mode.

3 To pause playback, press ▶/II.
Pressing ▶/II again will resume playback.

4 To skip to the next song, press ▶▶I.

Notes

- The operation to replay a previous song is not available.
- Pandora® limits the number of skips allowed on their service. If you attempt to skip songs beyond the limit, "SKIP LIMIT" is displayed.
- The unit remembers the source just before turning off the power. If Pandora® is the last SOURCE to be played, it will appear as the SOURCE the next time the unit is power up even if the app is not launched on your iPhone.
- Pandora® audio could drop out in areas with poor phone coverage.
- The display content varies when ads are received.
- The playback time may not be correctly displayed.

"Thumbs" Feedback

You can personalize your stations with "THUMBS UP" or "THUMBS DOWN" feedback, which the system takes into account for future music selections.

During playback, press 👍 or 👎 for thumbs up or thumbs down.

- 👍: The "👍" icon appears in the display. Pandora® will add similar music to your station.
- 👎: The "👎" icon is displayed. Pandora® will ban that song from your station, and the current song is skipped. If the number of skips allowed has reached its limit, the current song continues to play back.

Note
- *In some situations, "THUMBS" feedback may not be available.*

Searching for a Desired Station

You can display your station list and select stations directly from this unit.

Alphabet Search:

1 Press 🔍 /ENTER to activate the Search mode.

2 Turn the **Rotary encoder** to select "A-Z", and then press 🔍 /ENTER.

The "A-Z" search mode is activated and the station names are listed alphabetically.

3 Turn the **Rotary encoder** to select the desired station, and then press 🔍 /ENTER.

Pandora® will play that station.

Search by Date Added:

1 Press 🔍 /ENTER to activate the Search mode.

**2** Turn the **Rotary encoder** to select "BY DATE", and then press 🔍 /ENTER.

The "BY DATE" search mode is activated and the station names are listed by the date they were added to the account.

3 Turn the **Rotary encoder** to select the desired station, and then press 🔍 /ENTER.

Pandora® will play that station.

Notes
- *The shared station is marked with "*" in search list.*
- *If any one of the **preset buttons (1 through 6)** is pressed in the search mode, a search can be made quickly by skipping the specified number of channels. For details, refer to "Direct Search Function" on page 32.*

QuickMix

Use QuickMix to create a playlist based on two or more of your Pandora® stations. Edit your QuickMix station selections on the Pandora® Compatible Application for iPhone when it is not connected to this unit.

1 Press 🔍 /ENTER to activate the Search mode.

2 Turn the **Rotary encoder** to select "A-Z" or "BY DATE", and then press 🔍 /ENTER.

The "A-Z" or "BY DATE" search mode is activated and the station name is displayed.

3 Press 🔍 /ENTER while selecting "QUICKMIX".

Notes
- *The songs from the created stations are played back in random sequence.*
- *Select another station during search mode to cancel QuickMix.*
- *During search list mode, the ⤮ icon will be displayed when the current station belongs to QUICKMIX.*

Bookmarking a Desired Song or Artist

The currently playing track or artist can be bookmarked and saved to your Pandora® account.

1 During playback, press **3** 🔖 **(Bookmarks).**

The Pandora® Bookmark screen is displayed.

2 Turn the **Rotary encoder** to select "TRACK (Bookmark)" or "ARTIST (Bookmark)", and then press 🔍 /ENTER.

The current track or artist is bookmarked. "BOOKMARK TRACK" or "BOOKMARK ARTIST" is displayed.

Notes
- *Your bookmarks can be viewed on your "Profile" page at www.pandora.com.*
- *In some situations, bookmarks may not be available.*
- *When Bookmark operation is failed, BOOKMARK N/A will be displayed.*

Creating a New Station

Based on currently playing track or artist, you can create a new station and save to your Pandora® account.

1 During playback, press ☷ 4 (New Station).

The Pandora® New Station screen is displayed.

2 Turn the Rotary encoder to select "TRACK" or "ARTIST", and then press 🔍/ENTER.

A "NEW TRACK" or "NEW ARTIST" pop-up screen.
A New Station based on current track or artist is created.

Notes

- *Your New Station can be viewed on your "Profile" page at www.pandora.com.*
- *In some situations, creating a new station function may not be available.*
- *If this operation fails, N/A will be displayed.*
- *When the Smartphone is not connected to this unit, you can create personalized Pandora® stations using the Pandora® Application on your Smartphone. You can also create stations on the web at www.pandora.com.*

Search Position Memory

During playback, you can quickly return to the last-selected hierarchy level in the search mode.

Press ⬐.

The hierarchy you selected last in the search mode is displayed.

Changing the Display

Press 👁.

Station Name*1		Artist Name*1
Elapsed Time	→	Song Title*1

→

Album Name*1		
Song Title*1	→	Clock

→

		Station Name*1
SPECTRUM ANALYZER*2	→	Elapsed Time
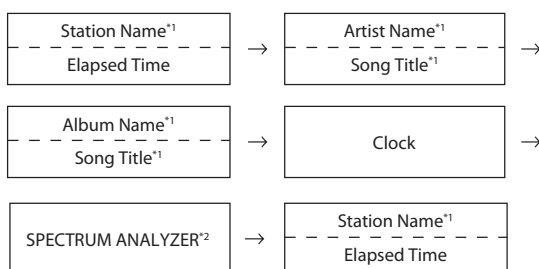
*1 TAG information
   If there is no text information, nothing will be displayed.
*2 Displays various patterns according to setting. For details, refer to "Setting the Spectrum analyzer" on page 22.

Note

- *Some characters may not be correctly displayed.*

SiriusXM Satellite Radio Operation
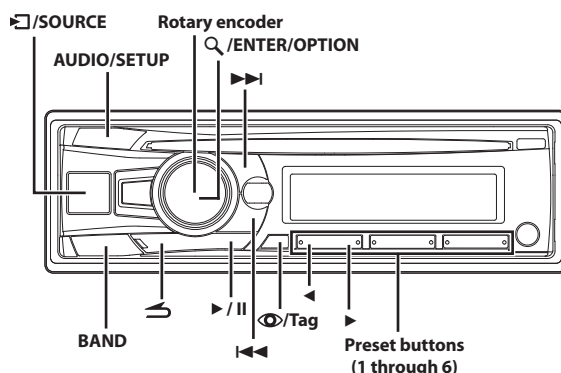
SiriusXM Tuner operation:

When a SiriusXM Tuner is connected to this unit, the following operations may be performed.

Receiving Channels with the SiriusXM Tuner

About SiriusXM Satellite Radio

Everything worth listening to is on SiriusXM. Get over 130 channels, including the most commercial-free music, plus the best sports, news, talk and entertainment. A SiriusXM Tuner and Subscription are required. For more information, visit www.siriusxm.com/activatenow, or call 1-866-635-2349.
To activate SiriusXM Canada service go www.xmradio.ca and click on "ACTIVATE RADIO" in the top right corner, or call 1-877-438-9677.

Note

- *The SiriusXM Satellite Radio controls on this unit are available only when a SiriusXM Tuner is connected.*

1 Press ⌷/SOURCE to activate the Satellite Radio (SIRIUSXM) mode.

2 Press ⏮ or ⏭ to select the desired channel.

Holding down ⏮ or ⏭ will rapidly browse through the channels.
Alternatively, you can enter the number of the desired channel using the numeric keypad on an optional remote control.

SiriusXM Setting

The following steps 1 to 5 are common to the various SiriusXM functions. For details, refer to each individual function.

1 Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.

2 Turn the Rotary encoder to select "SIRIUSXM", and then press 🔍/ENTER.

The SiriusXM setup mode is activated.

3 Turn the **Rotary encoder** to select the desired items and then press Q /**ENTER.**

SiriusXM:
ALERTSETUP ↔ GAME ALERT ↔ P-LOCK ↔ SIGNAL IND ↔ TUNE START* ↔ ALERTSETUP

*   * *Displayed only when the SiriusXM Tuner-SXV200 is connected.*

4 Turn the **Rotary encoder** to change the settings.

5 Press and hold **AUDIO/SETUP** for at least 2 seconds.

The SETUP mode is canceled.

Notes
*   *Press ⇥ to return to the previous mode.*
*   *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Managing Artist and Song Alerts

The following operations can be performed to change the Alert settings. The Artist and Song Alerts feature allows you to mark Artists and Songs from the current channel and then the unit alerts you later when the marked Artists or Songs are playing on other channels.

▌**Setting item:** ALERTSETUP

Setting contents:
ALERT LIST / ALERT / A S ALERT / DELETE ALL

ALERT LIST
This menu option allows you to enable the Artist/Song alert for individual Artist/Songs (ALERT ON or OFF) or to delete individual stored Artist/Song alerts (DELETE).

1   Turn the **Rotary encoder** to select ALERT LIST, and then press Q /**ENTER.**
2   Turn the **Rotary encoder** to select a stored Artist or Song, and then press Q /**ENTER.**
3   Turn the **Rotary encoder** to ALERT to enable (ALERT ON) or disable (ALERT OFF) the alert for the selected Artist/Song or turn the **Rotary encoder** to select DELETE to delete the selected Artist/Song from memory.

ALERT
This menu option allows you to temporarily disable the Artist/Song Alerts for all Artists/Songs. When the Alerts are re-enabled, individual Artist/Song Alert disabled in the ALERT LIST menu setting remain disabled.

Turn the **Rotary encoder** to select ALERT ON or OFF, and then press Q /**ENTER.**
If ON is set, the alert for all stored Artists/Songs is enabled.
If OFF is set, the alerts for all stored Artists/Songs are disabled.

A S ALERT
This menu option allows you to enable the alerts of all sources.

Turn the **Rotary encoder** to select ON or OFF, and then press Q /**ENTER.**
If ON is set, the alert of all source is enabled.
If OFF is set, only the alert of SIRIUSXM source is enabled.

DELETE ALL
This operation will delete all alerts (artists, songs and team) stored in memory.
After selecting this item,

Turn the **Rotary encoder** to select DELETE ALL YES, and then press Q /**ENTER.**

Setting the Favorite Sports Team Alerts

This menu option allows you to select your favorite teams, organized by leagues, so that you will be alerted later when your favorite teams are playing on other channels.

▌**Setting item:** GAME ALERT
After selecting GAME ALERT, a sports league list will be displayed.

1   Turn the **Rotary encoder** to select the desired league, and then press Q /**ENTER.**
2   Turn the **Rotary encoder** to select a team you want to store, and then press Q /**ENTER.**
"TEAM SAVED" and "XX U(sed)/YY E(mpty)" are displayed.
XX is the total number of Artist/Song/Game alert items stored in memory, and YY is the total number of memory slots still available for storage.

Note
*   *Select "NONE" on the team list if you do not want to store in memory.*

Setting the Parental Control

You can lock out channels with passcode protection. Channels that are locked cannot be accessed without entering the passcode. You can unlock a channel or change the passcode using this menu option.

▌**Setting item:** P-LOCK

Setting contents:
CLEAR ALL / LOCKED CH / EDIT CODE

How to input passcode?

1 After select P-LOCK, a passcode input screen will be displayed.

2 Input the passcode using the **Rotary encoder.**

The initial default 4-digit passcode is set to 0000.
The passcode is entered one digit at a time with the **Rotary encoder.**
For example, by turning to clockwise 2 steps, the number 1 is selected.
After entering the digit, it is displayed as "※" (asterisk).

3 Press ▶▶I, and then input the next digit of the passcode as described in step 2.

4 Repeat steps 2 to 3 until the 4 digits of the passcode are entered, and then press Q /**ENTER.**

After the correct passcode is entered, the LOCKED CH/CLEAR ALL/EDIT CODE items can be adjusted.

CLEAR ALL:
Unlock all locked channels.

Turn the **Rotary encoder** to select CLEAR ALL YES, and then press Q /**ENTER.**

LOCKED CH:
After selecting this item, turn the **Rotary encoder** to select a channel from channel list, press Q /**ENTER** to select to lock or unlock the channel. Locked channels cannot be tuned without entering the passcode.
The locked channel will be displayed with "L" before channel No.

EDIT CODE:
Change the passcode.

1   Input the old passcode as steps 1 to 4 in "How to input passcode?".
After the old passcode is entered, the new passcode input screen will be displayed.

2 **Input the new passcode as steps 1 to 4 in "How to input passcode?".**

A confirm screen (CONFIRM) will be displayed and the new passcode must be entered again for confirmation.
When the passcode is changed successfully, the unit will display CODE SAVED.

Note

• *Keep a note of the numbers somewhere safe in case you should forget it.*

Confirming the strength of the SiriusXM signal

You can check the signal strength through this setting item.

▮ **Setting item:** SIGNAL IND

Setting content:

SIGNAL IND

SIGNAL IND:

This menu item displays the SiriusXM signal strength as STRONG, GOOD, WEAK or NO SIGNAL.

Note

• *If the Signal Indicator reports Weak or No Signal and your vehicle is parked outside with no obstructions to the southern sky, then your SiriusXM antenna may not be properly installed or may have become damaged.*

Setting Tune Start

Tuning to a Preset that is a music channel will start a song from the beginning.

▮ **Setting item:** TUNE START

Setting contents:

OFF / ON (Initial setting)

OFF:

When set to OFF, Tune Start mode is unavailable.

ON:

When ON, selecting a preset station will automatically reset the currently playing song from its beginning. Pressing ⏏ will return to live satellite radio.

Note

• *Displayed only when SiriusXM Tuner-SXV200 is connected.*

Checking the SiriusXM Radio ID Number

To subscribe to the SiriusXM Satellite Radio service, it is necessary to locate and identify the Radio ID of your SiriusXM Tuner. The Radio ID contains 8 characters and can be found on the bottom of your SiriusXM Tuner or can be displayed on when selecting Channel 0 by following the steps below:

1 **While in the Satellite Radio Mode, press ⏮ or ⏭ to select channel "0".**

The unit displays "RADIO ID" and ID number at the same time.

Note

• *The Radio ID does not include the letters I, O, S or F.*

2 **To cancel the ID number display, select a channel other than "0".**

Storing Channel Presets

1 **Press BAND to select the desired band you want to store the preset in.**

There are 3 Satellite Radio Preset bands.
Each press of **BAND** changes the band: SXM1 → SXM2 → SXM3 → SXM1

2 **Tune to the desired channel, and then press and hold (for at least 2 seconds) one of the preset buttons (1 through 6) to store the channel.**

The display then shows the stored Band and preset number (for example, SXM1-3 is shown when preset 3 of BAND1 is selected).

3 **Repeat the procedure to store up to 5 other channels onto the same band.**

Notes

• *A total of 18 channels can be stored in the preset memory, 6 Channels for each band (SXM1, SXM2 and SXM3).*
• *If you store a new channel into a preset which already has a channel assigned, the current channel will be cleared and replaced with the new one.*

Tuning Channels using Presets

1 **Press BAND to select the desired band of Presets you wish to access.**

2 **Press the preset buttons (1 through 6) that has your desired Satellite Radio channel stored in memory.**

Tune Scan Function

While listening to SiriusXM Satellite Radio, you can scan through all the songs you missed from your current band of preset channels.

1 **Press and hold ⌕/ENTER/OPTION for at least 2 seconds when you want to scan the preset music.**

The Option mode is activated.

2 **Turn the Rotary encoder to select TUNE SCAN, and then press ⌕/ENTER.**

The "*T.S.*" indicator lights up during TUNE SCAN mode.
Press ⌕/ENTER during scan playback, tune scan mode will be canceled and the selected track will be played back normally, at the same time the "*T.S.*" indicator disappears.
Press ⏏ during scan playback to cancel Tune Scan mode. The tuner returns to the channel before Tune Scan was initiated and "SCAN STOP" will be displayed.

Notes

• *This function is available when SiriusXM SXV200 Vehicle Tuner is connected.*
• *If no operation is performed during the scanning process, when scanning finishes, the next mode depends on the SiriusXM Tuner.*
• *The SiriusXM Tune scans through the songs from the preset music channels on the current band only, scanning from oldest to newest.*

Tune Start Function

Use TUNE START to play music content from its beginning on programmed preset stations. The user can, therefore, enjoy the full track (i.e. song) rather than hearing what's left from its current live playback position. TUNE START can be turned OFF. For details, refer to "Setting Tune Start" on page 38.

Note
- *Preset stations that play other than music-type content will start playing the channel from the current live play point when selected.*

Storing the desired Artist and Song Alerts

While listening to SiriusXM Satellite Radio, you can be alerted when your favorite songs or artists are playing on other channels. An interruption ALERT will be displayed when a matching artist or song is found on another channel. For receiving interruption ALERT information, refer to "Receiving and Tuning to an Alert" on page 39.

1 **Press and hold Q /ENTER/OPTION for at least 2 seconds when a Song or the song of an Artist you want to store is playing.**

The Option mode is activated.

2 **Turn the Rotary encoder to select ALERT MEMO, and then press Q /ENTER.**

3 **Turn the Rotary encoder to choose SAVE ART? or SAVE SNG? (when available), and then press Q /ENTER.**

Note
- *If the artist name or song title is not available to save, NO ARTIST or NO SONG will be displayed.*

4 **The new alert was stored in memory.**

"ART/SONG SAVED" and "XX U(sed)/YY E(mpty)" are displayed. XX is the total number of song titles or artist names stored in memory, and YY is the total number of memory locations still available for storage.

Notes
- *If you try to store when the memory is full, "MEM FULL" is displayed followed by "REPLACE/CANCEL". If you want to replace an existing alert item, select "REPLACE" by turning **Rotary encoder**, and then press Q /**ENTER**, the existing alert list stored in memory is displayed. Select one of the stored alerts using the **Rotary encoder**. To replace the selected alert, press Q /**ENTER** and "ART/SONG SAVED" and "XX U(sed)/YY E(mpty)" are displayed.*
- *You can manage the stored Alert memory setting on Setup mode, for details, refer to "Managing Artist and Song Alerts" on page 37.*
- *If no operation is performed for 60 seconds, the setting mode is canceled.*

Receiving and Tuning to an Alert

Whenever a stored sports team, artist, or song is playing on another channel, an interruption ALERT appears on the unit display. To tune to the game, artist or song identified by the alert, follow the steps below:

1 **Turn the Rotary encoder to select the desired game, artist or song from the list of active alerts.**

2 **Press Q /ENTER.**

Notes
- *If no operation is performed for 5 seconds, the unit returns to normal mode.*
- *Sports teams/Artist name and Song title which you have stored and which are currently playing will be displayed in a category called "MY GAMES"/"MY MUSIC" in search mode. For details, refer to "Search Function" on page 39.*
- *When an artist or song alert occurs, you may press ⊙ to change the information as below.*
  Artist name*/Song name* → Channel number/Channel name → Artist name/Song name
- ** Depending on the alert type, the display order for Artist name or Song name will be reversed.*

Search Function

You can search for SiriusXM programming content by Category or by Channel.

1 **Enter SEARCH mode by pressing Q /ENTER in the SiriusXM mode.**

2 **Turn the Rotary encoder to select the desired Category, and then press Q /ENTER.**

3 **Turn the Rotary encoder to select the desired Channel Name, and then press Q /ENTER.**

Searching by Channel

1 **Enter Search mode and turn the Rotary encoder to select ALL CHANS. Press Q /ENTER.**

All Channels will be displayed in a list.

2 **Turn the Rotary encoder to select the desired channel, and then press Q /ENTER to confirm.**

Note
- *Press ⊙, the information of the broadcasting channels will be displayed. You can choose the desired channel from the artist name list or song name list.*

  Each time you press ⊙, the display changes as below.

  Channel number → Channel name → Artist name → Song name → Channel number
- *During channel search, pressing ◀ or ▶ to select another Category.*

Searching by My Music

1 **Enter Search mode and turn the Rotary encoder to select MY MUSIC*. Press Q /ENTER.**

The artist names and song names that you have stored and are currently playing will be displayed in a list.

  * Displayed only when the stored song or artist is broadcasting.

2 **Turn the Rotary encoder to select the desired artist/song, and then press 🔍/ENTER to confirm.**

The channel of the selected artist/song being broadcast is received.

Note
- *Press 👁, the information of the broadcasting channels will be displayed. You can choose the desired channel from the artist name list or song name list.*

  Each time you press 👁, the display changes as below.

  Artist name*/Song name* → Channel number/Channel name → Artist name/Song name

  - *Depending on the alert type, the display order for Artist name or Song name will be reversed.*

Searching by My Games

1 **Enter Search mode and turn the Rotary encoder to select MY GAMES*. Press 🔍/ENTER.**

The sport teams that you have stored and the game is currently broadcasting will be displayed in a list.

- *Displayed only when the game of stored team is broadcasting.*

2 **Turn the Rotary encoder to select the desired team, and then press 🔍/ENTER to confirm.**

The channel of the selected game being broadcast is received.

Note
- *Press 👁, the information of the broadcasting channels will be displayed.*

  Each time you press 👁, the display changes as below.

  Team name/League name → channel number/channel name → Team name/League name

Searching by Featured Favorites

Featured Favorites are a collection of channels that are created by the SiriusXM programming team that are updated several times throughout the year.

1 **Enter Search mode and turn the Rotary encoder to select FEATURED*. Press 🔍/ENTER.**

The Category that SXM recommends will be displayed in a list.

- *Only display when connected with SiriusXM Tuner-SXV200.*

2 **Turn the Rotary encoder to select the desired Category, and then press 🔍/ENTER.**

3 **Turn the Rotary encoder to select the desired channel, and then press 🔍/ENTER to confirm.**

Notes
- *Press 👁, the information of the selected channels will be displayed. You can choose the desired channel from the artist name list or song name list.*

  Each time you press 👁, the display changes as below.

  Channel Number → Channel Name → Artist Name → Song Name → Channel Number
- *When the selected Featured Favorites station is not broadcasting, the channel will tune to channel 000 automatically.*
- *When an unsubscribed Channel is selected, the channel number is marked with "*".*
- *Press ⮌ to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Using Jump Memory and Jump Recall function

1 **While in SiriusXM mode, select your favorite SiriusXM Channel.**

2 **Press and hold ▶/Ⅱ for at least 2 seconds.**

The channel you selected is stored as the Jump Source.

3 **Press and hold BAND for at least 2 seconds to recall, and then tune to the saved Jump Source channel.**

Notes
- *Pressing and holding BAND again for at least 2 seconds will jump back to the previous mode or SiriusXM channel.*
- *During saved Jump Source channel playing, search function, channel up/down, etc. are not available.*

Replay Function

In SiriusXM mode, you can pause, rewind and replay of live SiriusXM Satellite Radio.

1 **While listening to a SiriusXM channel, press ▶/Ⅱ to enter the Replay mode, which mutes the audio.**

The display will show "PAUSED" while in this mode.
The "*I.R.*" indicator lights up.

2 **Press ▶/Ⅱ again to resume playback of the stored audio from the point at which it was paused.**

During playback, the SiriusXM Tuner will continue to store the channel audio until you exit the Replay mode.

During REPLAY playback:
- Fast rewind:
  Press and hold ◀◀.
- Fast forward:
  Press and hold ▶▶.
- Returning to the beginning of the current song:
  Press ◀◀.
- Advancing to the beginning of the next song:
  Press ▶▶.

Note
- *If you continue to press Fast forward until the end, the Replay mode is canceled, and the unit will change to live SiriusXM radio mode.*

3 **Press ⮌ to cancel the REPLAY mode.**

The unit returns to live SiriusXM radio mode.

Parental Lock Function

This function can help restrict the listening of channels to children of appropriate age levels only. For information on setting the Parental Control passcode, refer to "Setting the Parental Control" on page 37. When a locked channel is selected, "CH LOCKED" is displayed, then press Q /ENTER or turn **Rotary encoder**, "LOCK CODE?" will be displayed.

Input the 4-digit passcode you set in, and then press Q /ENTER, refer to "Setting the Parental Control" on page 37.

Turn the **Rotary encoder** to select the number from 0-9, and then use |◀◀ or ▶▶| to adjust the digit.
The initial number is 0000.

Notes
- *If you input a wrong passcode, "CODE ERROR" is displayed.*
- *After entering the correct passcode, you can access all locked channels without entering the passcode again until the unit is powered off and then back on.*

Storing iTunes Tagging information

iTunes Tagging lets you tag songs heard on SiriusXM channels. Use this unit in conjunction with an optional SiriusXM Tuner and a Tagging compatible iPod/iPhone to tag the music that you listen to. This tag information is automatically transferred to your iPod/iPhone. Later, when your iPod/iPhone is connected to iTunes, you can preview, buy and download your tagged songs. For details, refer to the Owner's Manual of the Tagging compatible iPod/iPhone.
The **Tag** indicator will light when a song playing on a SiriusXM channel has tag information available.

Press and hold ◉/Tag for at least 2 seconds to save its tag information.

During tagging, the **Tag** indicator blinks.
If no iPod/iPhone is connected, "TAG COUNTX" is displayed (X is the total amount of the tag information stored in this unit).

Notes
- *During tagging, the iPod/iPhone takes priority to save the tag information. If no iPod/iPhone is connected, the tag information is saved to this unit.*
- *When the memory of iPod/iPhone is full, "iPod FULL" and "TAG COUNTX" are displayed. The tag information will be stored to the unit.*
- *If the operation is failed, "CANNOT TAG" is displayed.*
- *This unit can store up to 50 tagged songs. When the memory of the unit is full, "TAGCOUNT50" and "MEMORY FULL" are displayed.*
- *When an iPod that doesn't support the tagging function is connected, "NON-TAGGING IPOD" is displayed.*
- *When the iPod/iPhone is disconnected from the unit during tagging, its tag information will be stored in the unit.*
- *If there is stored tag information on the unit, when an iPod/iPhone supporting the tag function is connected, the stored tag information will be transferred to the iPod/iPhone automatically. When the iPod/iPhone memory becomes full, "iPod FULL" will be displayed, and any remaining tag information on the unit will not be transferred to the iPod/iPhone.*
- *If tag information already exists, "ALREADY TAGGED" will be displayed when you try to tag information again.*

Changing the Display

Text information, such as the channel name, artist name/feature and song/program title, is available with each SiriusXM channel. The unit can display this text information as explained below.

In SiriusXM mode, press ◉.

Each time you press this button, the display changes as shown below.

Band/Channel Number/Channel Name[1] →
Artist Name[1]/Song Title[1] → Content info.[1]/Category Name[1] →
Clock → SPECTRUM ANALYZER[2] →
Band/Channel Number/Channel Name

[1] *If there is no text information, nothing will be displayed.*
[2] *Displays various patterns according to setting. For details, refer to "Setting the Spectrum analyzer" on page 22.*

Information

In Case of Difficulty

If you encounter a problem, please turn the power off, then on again. If the unit is still not functioning normally, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized Alpine dealer.

Basic

No function or display.
- Vehicle's ignition is off.
  - If connected following instructions, the unit will not operate with the vehicle's ignition off.
- Improper power lead (Red) and battery lead (Yellow) connections.
  - Check power lead and battery lead connections.
- Blown fuse.
  - Check the fuse of the unit; replace with the proper value if necessary.
- Internal micro-computer malfunctioned due to interference noise etc.
  - Press the **RESET** switch with a ballpoint pen or other pointed article.

Radio

Unable to receive stations.
- No antenna or open connection in cable.
  - Make sure the antenna is properly connected; replace the antenna or cable if necessary.

Unable to tune stations in the seek mode.
- You are in a weak signal area.
  - Make sure the tuner is in the DX mode.
- If the area you are in is a primary signal area, the antenna may not be grounded and connected properly.
  - Check your antenna connections; make sure the antenna is properly grounded at its mounting location.
- The antenna may not be the proper length.
  - Make sure the antenna is fully extended; if broken, replace the antenna with a new one.

Broadcast is noisy.
- The antenna is not the proper length.
  - Extend the antenna fully; replace it if it is broken.
- The antenna is poorly grounded.
  - Make sure the antenna is grounded properly at its mounting location.

CD

CD Player not functioning.
- Out of operating temperature range +50°C (+120°F) for CD.
  - Allow the vehicle's interior (or trunk) temperature to cool.

CD playback sound is wavering.
- Moisture condensation in the CD Module.
  - Allow enough time for the condensation to evaporate (about 1 hour).

CD insertion not possible.
- A CD is already in the CD player.
  - Eject the CD and remove it.

- The CD is being improperly inserted.
  - Make sure the CD is being inserted following instructions in the CD Player Operation section.

Unable to fast forward or backward the CD.
- The CD has been damaged.
  - Eject the CD and discard it; using a damaged CD in your unit can cause damage to the mechanism.

CD playback sound skips due to vibration.
- Improper mounting of the unit.
  - Securely re-mount the unit.
- The disc is very dirty.
  - Clean the disc.
- The disc has scratches.
  - Change the disc.
- The pick-up lens is dirty.
  - Do not use a commercially available lens cleaner disc. Consult your nearest Alpine dealer.

CD playback sound skips without vibration.
- The disc is dirty or scratched.
  - Clean the disc; damaged disc should be replaced.

Error displays (built-in CD player only).
- Mechanical error
  - Press ⏏. After the error indication disappears, insert the disc again. If the above-mentioned solution does not solve the problem, consult your nearest Alpine dealer.

CD-R/CD-RW playback not possible.
- Close session (finalization) has not been performed.
  - Perform finalization and attempt playback again.

MP3/WMA

MP3 or WMA is not played back.
- Writing error occurred. The MP3/WMA format is not compatible.
  - Make sure the MP3/WMA has been written in a supported format. Refer to "About MP3/WMA" on page 13, then rewrite in the format supported by this device.

Audio

The sound is not output from the speakers.
- Unit has no output signal of the internal amplifier.
  - POWER IC is switched to "ON", refer to "Connecting to an External Amplifier (POWER IC)" on page 17.

iPod

iPod does not play and no sound is output.
- The iPod has not been recognized.
  - Reset this unit and the iPod. Refer to "Initial System Start-Up" on page 10. To reset the iPod, refer to the Owner's Manual of the iPod.

Indication for CD Player

NO DISC

- No CD is inserted.
  - Insert a CD.
- Although a disc is inserted, "NO DISC" is displayed and the unit does not start to play or eject the disc.
  - Remove the disc by following these steps:
    Press the ⏏ button again for at least 2 seconds.
    If the disc still does not eject, consult your Alpine dealer.

ERROR

- Mechanism error.
  1 **Press the ⏏ button and eject the CD.**
     If not ejecting, consult your Alpine dealer.
  2 **When the error indication remains after ejecting, press the ⏏ button again.**
     If the error indication still does not turn off after pressing the ⏏ button for a few times, consult your Alpine dealer.
- When "ERROR" is displayed:
  If the disc cannot be ejected by pressing ⏏, press the **RESET** switch (refer to "Initial System Start-Up" on page 10) and press ⏏ again. If the disc still cannot be ejected, consult your Alpine dealer.

PROTECT

- A copy-protected WMA file was played back.
  – You can only play back non-copy-protected files.

UNSUPORTED

- A sampling rate/bit rate not supported by the unit is used.
  – Use a sampling rate/bit rate that is supported by the unit.

NO SUPPORT

- An AAC format disc is inserted.
  – Change to a disc of a supported format.

Indication for Flash Memory

ERROR

- Communication error or other error.
  – You can solve the problem by switching the source, turning ACC off/on, or turning power off/on.

ERROR-01

- Communication error.
  – You can solve the problem by switching the source, turning ACC off/on, or turning power off/on.

ERROR-04

- Abnormal current is run to the USB Flash Memory device.
  – You can solve the problem by turning ACC off/on, or turning power off/on.

NO USB DEVICE

- A Flash Memory is not connected.
  – Make sure the Flash Memory device is correctly connected.

NO FILE

- No song (file) is stored in the Flash Memory.
  – Connect the Flash Memory device after storing songs (files).

UNSUPORTED

- A sampling rate/bit rate not supported by the unit is used.
  – Use a sampling rate/bit rate that is supported by the unit.

PROTECT

- A copy-protected WMA file was played back.
  – You can only play back non-copy-protected files.

NO SUPPORT

- Text information that is not recognizable by the unit is being used.
  – Change the text information to text that is supported by the unit.

DEVICE ERROR

- An unsupported USB device is connected.
  – Change other Flash Memory.

Indication for iPod Mode

NO SONG

- There are no songs in the iPod/iPhone.
  – Download songs to the iPod/iPhone.

ERROR-01

- Communication error or boot error, etc.
  – You can solve the problem by switching the source, turning power off/on, or turning ACC off/on.

ERROR-02

- The iPod/iPhone version is too low.
  – Update the iPod/iPhone version.

ERROR-03

- The iPod/iPhone is not verified.
  – You can solve the problem by resetting the iPod/iPhone.

ERROR-04

- Abnormal current is run to the iPod/iPhone.
  – You can solve the problem by reconnecting the iPod/iPhone, turning ACC off/on, or turning power off/on.

NO USB DEVICE

- The iPod/iPhone is not connected.
  – Make sure the iPod/iPhone is correctly connected and the cable is not bent excessively.

UPDATING

- The search mode is activated during song downloading.
  - No necessary operation.

BLUETOOTH mode

NO UNIT

- The BLUETOOTH device is not connected.
  - Connect the BLUETOOTH device.

SiriusXM Advisory Messages

The following messages may be displayed while operating the unit in SiriusXM mode.

CHK TUNER

- The SiriusXM Tuner is disconnected or the unit is having trouble communicating with the Tuner.
  - Connect the Tuner or check the Tuner connection to the back of the unit.

CHK ANT

- The SiriusXM Satellite Radio antenna or cable is either damaged or not connected correctly to the SiriusXM Tuner.
  - Check that the SiriusXM antenna cable is connected to the SiriusXM Tuner and check that the antenna cable is not kinked or otherwise damaged. Replace the antenna if necessary.

NO SIGNAL

- The SiriusXM satellite signal is too weak at the current location.
  - Move the vehicle to a location with a clear view of the southern sky.
  - Make sure the Satellite Radio antenna is properly mounted and not obstructed by metal objects.

CH UNSUB

- The active channel has become unsubscribed or the requested channel is not available in your subscription package.

  > **Note**
  > • *The unit will revert to the previous selected channel or to channel 1 automatically.*

  - Visit www.siriusxm.com for information on subscribing to this channel.

CH UNAVAIL

- The active channel is no longer in the SiriusXM channel lineup or the user has entered an invalid channel number.

  > **Note**
  > • *The unit will revert to the previous channel or to channel 1 automatically.*

  - Visit www.siriusxm.com for information on the current channel lineup.

SUBSCRIP UPDATED - → ANY KEY TO CONTINUE

- Your subscription has been updated.
  - Press any button to clear this message.

CH LOCKED → LOCK CODE? *

- When a locked channel is selected, "CH LOCKED" is displayed, then press Q /ENTER or turn **Rotary encoder**, "LOCK CODE?" will be displayed.
  A locked channel is selected.
  - Input the passcode. On how to input passcode, refer to "Setting the Parental Control" on page 37.

  > **Note**
  > • *If wrong passcode is input, "CODE ERROR" will be displayed and the unit will revert to the previous selected channel.*

MEMORY

- Buffer for Replay will full within 11 seconds.

MEM FULL

- Buffer for Replay is full.

Indication for Pandora® Mode

NO PANDORA

- A Smartphone is not connected.
  - Make sure a Smartphone is correctly connected.

NO STATION

- You have not created any personalized Pandora® Stations.
  - When you are not driving, use the Pandora® Compatible Application on the Smartphone to create your Pandora® station(s).

SEE DEVICE

- The music cannot be played because the Pandora® Compatible Application on the Smartphone requires the user's attention.
  - When you are not driving, please see the Pandora® Compatible Application on the Smartphone.

NO SERVICE

- You switched CDE-154BT to Pandora® mode by pressing ⊡ /SOURCE with a Smartphone connected, without launching or installing the Pandora® Application.
  - Launch the Pandora® Application on the Smartphone.
  - Select a source other than Pandora® by pressing ⊡ /SOURCE.

Specifications

FM TUNER SECTION

Tuning Range	87.7 ~ 107.9 MHz
Mono Usable Sensitivity	9.3 dBf (0.8 μV/75 ohms)
50 dB Quieting Sensitivity	13.5 dBf (1.3 μV/75 ohms)
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB
Capture Ratio	2.0 dB

AM TUNER SECTION

Tuning Range	530 ~ 1,710 kHz
Sensitivity (IEC Standard)	22.5 μV/27 dB

CD PLAYER SECTION

Frequency Response	5 ~ 20,000 Hz (±1 dB)
Wow & Flutter (% WRMS)	Below measurable limits
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Signal-to-Noise Ratio	105 dB
Channel Separation	85 dB (at 1 kHz)

PICKUP

Wave length	795 nm
Laser power	CLASS I

USB SECTION

USB requirements	USB 1.1/2.0
Max. Power Consumption	Smartphone charge-capable
USB Class	Mass Storage
File System	FAT 12/16/32
MP3 Decoding	MPEG AUDIO Layer-3
WMA Decoding	Windows Media™ Audio

BLUETOOTH SECTION

BLUETOOTH Specification	Bluetooth v2.1 + EDR
Output Power	+4 dBm Max. (Power class 2)
Profile	HFP (Hands-Free Profile)
	HSP (Head Set Profile)
	A2DP (Advanced Audio Distribution Profile)
	AVRCP (Audio/Video Remote Control Profile)

GENERAL

Power Requirement	14.4 V DC (11 ~ 16 V allowable)
Power Output	18 W RMS × 4*

* *Primary amplifier ratings per CEA-2006 Standard*
  • Power output: measured at 4 Ohms and ≤ 1% THD+N
  • S/N: 80 dBA (reference: 1 W into 4 Ohms)

Maximum Pre-Output Voltage	4 V/10 k ohms
Bass	±9.1 dB at 100 Hz
Treble	±9.1 dB at 10 kHz
Weight	1.4 kg (3 lbs. 1 oz)

CHASSIS SIZE

Width	178 mm (7")
Height	50 mm (2")
Depth	161.5 mm (6–3/8")

NOSEPIECE SIZE

Width	170 mm (6–3/4")
Height	46 mm (1–13/16")
Depth	24 mm (15/16")

Note

• *Due to continuous product improvement, specifications and design are subject to change without notice.*

Installation and Connections

Before installing or connecting the unit, please read the following and refer to "Operating Instructions" on page 6 for proper use.

⚠ WARNING

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

⚠ CAUTION

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

⚠ PRECAUTIONS

- Be sure to disconnect the cable from the (−) battery post before installing your CDE-154BT. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the color coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage to the vehicle's electrical system.
- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the CDE-154BT to the fuse box, make sure the fuse for the intended circuit of the CDE-154BT has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your Alpine dealer.
- The CDE-154BT uses female RCA-type jacks for connection to other units (e.g. amplifier) having RCA connectors. You may need an adaptor to connect other units. If so, please contact your authorized Alpine dealer for assistance.
- Be sure to connect the speaker (−) leads to the speaker (−) terminal. Never connect left and right channel speaker cables to each other or to the vehicle body.

IMPORTANT

Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number or the engraved serial number is located on the bottom of the unit.
SERIAL NUMBER: [   ]
INSTALLATION DATE: [   ]
INSTALLATION TECHNICIAN: [   ]
PLACE OF PURCHASE: [   ]

Installation

To prevent external noise from entering the audio system.
- **Locate the unit and route the leads at least 10 cm away from the car harness.**
- **Keep the battery power leads as far away from other leads as possible.**
- **Connect the ground lead securely to a bare metal spot (remove any paint, dirt or grease if necessary) of the car chassis.**
- **If you add an optional noise suppressor, connect it as far away from the unit as possible. Your Alpine dealer carries various noise suppressors, contact them for further information.**
- **Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.**

⚠ CAUTION

When you install this unit in your car, do not remove the detachable front panel.
If the detachable front panel is removed during installation, you might press too hard and warp the metal plate that holds it in place.
**The main unit must be mounted within 35 degrees of the horizontal plane, back to front.**

Less than 35°
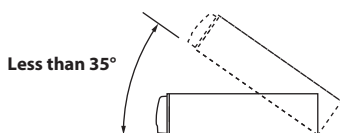
1 Remove the mounting sleeve from the main unit (refer to "Removal" on page 47).
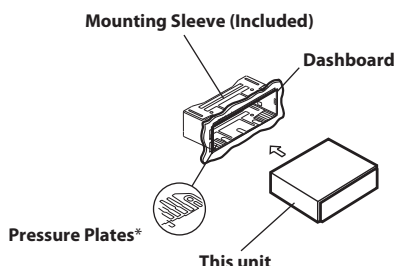
Mounting Sleeve (Included)

Dashboard

Pressure Plates*

This unit

* *If the installed mounting sleeve is loose in the dashboard, the pressure plates may be bent slightly to remedy the problem.*

2 Reinforce the head unit with the metal mounting strap (not supplied). Secure the ground lead of the unit to a clean metal spot.

Connect each input lead coming from an amplifier to the corresponding output lead coming from the left rear of the CDE-154BT. Connect all other leads of the CDE-154BT according to details described in the CONNECTIONS section.

Hex Nut (M5)   **Screw**

Bolt Stud

Metal Mounting Strap

This unit
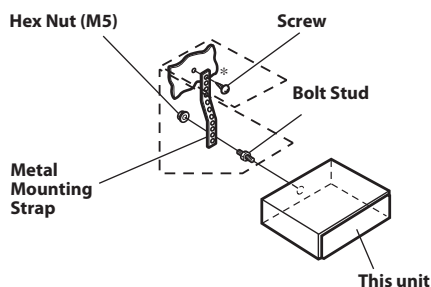
Note
- *For the screw marked "*", use an appropriate screw for the chosen mounting location.*

3 Slide the CDE-154BT into the dashboard until it clicks. This ensures that the unit is properly locked and will not accidentally come out from the dashboard. Install the detachable front panel.
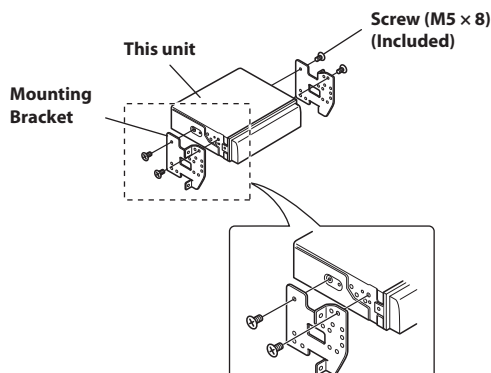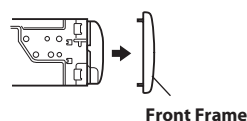
Removal

1 Remove the detachable front panel.

2 Insert the bracket keys into the unit, along the guides on either side. The unit can now be removed from the mounting sleeve.
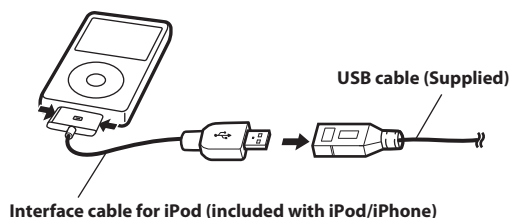
This unit

Bracket keys (Included)
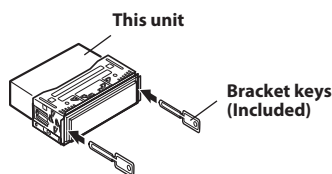
3 Pull the unit out, keeping it unlocked as you do so.

JAPANESE CAR

Front Frame

Screw (M5 × 8) (Included)

This unit

Mounting Bracket

iPod/iPhone Connection (sold separately)

Connect USB cable to an iPod/iPhone with Interface cable for iPod.

USB cable (Supplied)

Interface cable for iPod (included with iPod/iPhone)

Remove the iPod/iPhone

Remove the iPod/iPhone from Interface cable for iPod.

Notes
- *After changing the unit to a source other than the USB iPod, remove the iPod/iPhone. If the iPod/iPhone is removed in the USB iPod mode, data may cause damage.*
- *If sound is not output or the iPod/iPhone is not recognized even when the iPod/iPhone is connected, remove the iPod/iPhone once, then connect it again, or reset the iPod.*
- *Do not leave the iPod/iPhone in a vehicle for a long time. Heat and humidity may damage the iPod/iPhone and you may not be able to play it again.*
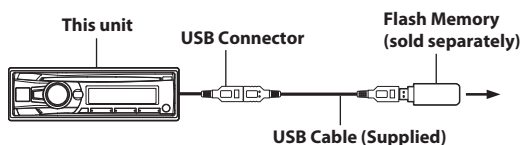
Flash Memory Connection (sold separately)

Connect Flash Memory

Connect the USB cable to the USB connector of the unit.

This unit

Flash Memory (sold separately)

USB Connector

USB Cable (Supplied)
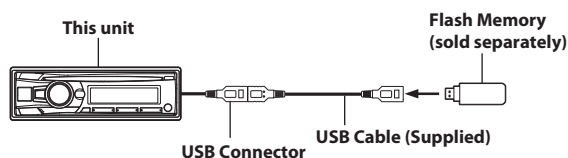
Remove Flash Memory

Pull out Flash Memory squarely from the USB cable.

This unit

USB Connector

Flash Memory (sold separately)

USB Cable (Supplied)

Notes
- *When removing Flash Memory, pull it out straight.*
- *If sound is not output or Flash Memory is not recognized even when Flash Memory is connected, remove Flash Memory once, then connect it again.*

- *Change to a source other than the Flash Memory mode, then remove the Flash Memory. If the Flash Memory is removed in the Flash Memory mode, data may be damaged.*
- *Route the USB cable away from another cables.*
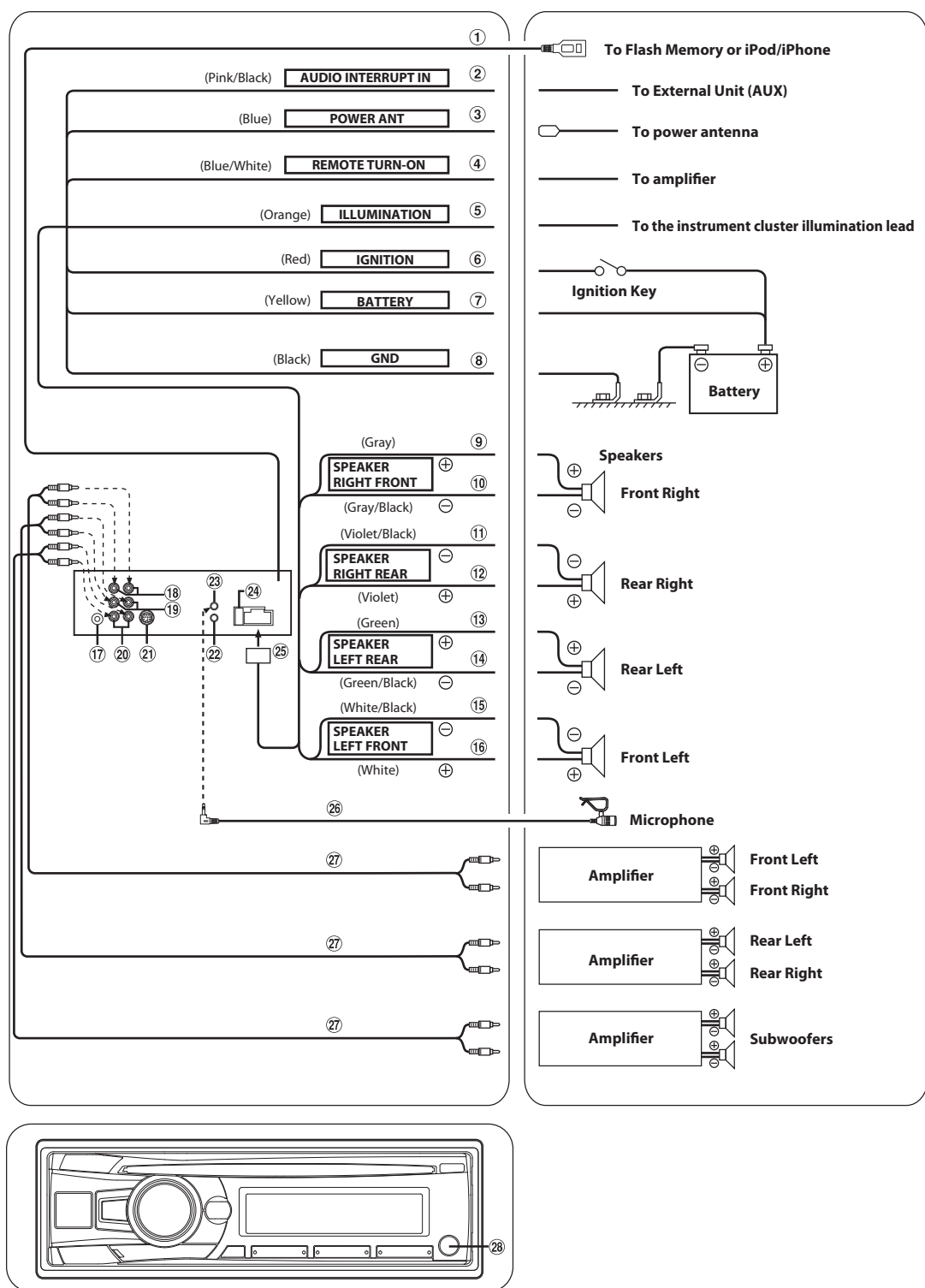
Mounting the Microphone

For the sake of safety, mount the microphone in the following location.
- In a stable and secure location.
- In a location that does not inhibit safely driving the vehicle.
- Mount the microphone in a location where the driver's voice can easily be picked up.

Choose a location for the microphone that can easily pick up the drivers voice. Requiring the driver to move towards the microphone for audibility causes a distraction that could be dangerous.

Connections

①	**To Flash Memory or iPod/iPhone**
(Pink/Black) **AUDIO INTERRUPT IN** ②	**To External Unit (AUX)**
(Blue) **POWER ANT** ③	**To power antenna**
(Blue/White) **REMOTE TURN-ON** ④	**To amplifier**
(Orange) **ILLUMINATION** ⑤	**To the instrument cluster illumination lead**
(Red) **IGNITION** ⑥	**Ignition Key**
(Yellow) **BATTERY** ⑦	
(Black) **GND** ⑧	**Battery**

(Gray) ⑨
SPEAKER RIGHT FRONT ⑩ ⊕
(Gray/Black) ⊖

(Violet/Black) ⑪
SPEAKER RIGHT REAR ⑫ ⊖
(Violet) ⊕

(Green) ⑬
SPEAKER LEFT REAR ⑭ ⊕
(Green/Black) ⊖

(White/Black) ⑮
SPEAKER LEFT FRONT ⑯ ⊖
(White) ⊕

Speakers
- **Front Right**
- **Rear Right**
- **Rear Left**
- **Front Left**

⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕

㉖ **Microphone**

㉗ **Amplifier** — **Front Left** / **Front Right**

㉗ **Amplifier** — **Rear Left** / **Rear Right**

㉗ **Amplifier** — **Subwoofers**

㉘

① **Rear USB Terminal**

Connect this to a Flash Memory or an iPod/iPhone (sold separately).

② **Audio Interrupt In Lead (Pink/Black)**

Connect this lead to the Audio Interrupt Out terminal (0 V) of your External Unit (AUX).

③ **Power Antenna Lead (Blue)**

Connect this lead to the +B terminal of your power antenna, if applicable.

Note

- *This lead should be used only for controlling the vehicle's power antenna. Do not use this lead to turn on an amplifier or a signal processor, etc.*

④ **Remote Turn-On Lead (Blue/White)**

Connect this lead to the remote turn-on lead of your amplifier or signal processor.

⑤ **Illumination Lead (Orange)**

This lead may be connected to the vehicle's instrument cluster illumination lead. This will allow the backlighting of this unit to dim whenever the vehicle's lights are turned on.

⑥ **Switched Power Lead (Ignition) (Red)**

Connect this lead to an open terminal on the vehicle's fuse box or another unused power source which provides (+) 12V only when the ignition is turned on or in the accessory position.

⑦ **Battery Lead (Yellow)**

Connect this lead to the positive (+) post of the vehicle's battery.

⑧ **Ground Lead (Black)**

Connect this lead to a good chassis ground on the vehicle. Make sure the connection is made to bare metal and is securely fastened using the sheet metal screw provided.

⑨ **Right Front (+) Speaker Output Lead (Gray)**

⑩ **Right Front (−) Speaker Output Lead (Gray/Black)**

⑪ **Right Rear (−) Speaker Output Lead (Violet/Black)**

⑫ **Right Rear (+) Speaker Output Lead (Violet)**

⑬ **Left Rear (+) Speaker Output Lead (Green)**

⑭ **Left Rear (−) Speaker Output Lead (Green/Black)**

⑮ **Left Front (−) Speaker Output Lead (White/Black)**

⑯ **Left Front (+) Speaker Output Lead (White)**

⑰ **Antenna Receptacle**

⑱ **Front Output RCA Connectors**

RED is right and WHITE is left.

⑲ **Rear Output RCA Connectors**

RED is right and WHITE is left.

⑳ **Subwoofer Output RCA Connectors**

RED is right and WHITE is left.

㉑ **SiriusXM Tuner connector**

Connect to SiriusXM Tuner.

㉒ **Steering Remote Control Interface Connector**

To steering remote control interface box.
You can operate this unit from the vehicle's control unit when an Alpine Steering Remote Control Interface Box (optional) is connected. For details, contact your Alpine dealer.

㉓ **MIC Input Connector**

To Microphone.

㉔ **Fuse Holder (10A)**

㉕ **Power Supply Connector**

㉖ **Microphone (Supplied)**

㉗ **RCA Extension Cable (sold separately)**

㉘ **Front AUX Input Terminal**

This terminal allows for input of audio from an external device (such as a portable player), using a commercially-available converter cable.

//////ALPINE®

LIMITED WARRANTY

ALPINE ELECTRONICS OF AMERICA, INC. ("Alpine"), is dedicated to quality craftsmanship and is pleased to offer this Warranty. We suggest that you read it thoroughly. Should you have any questions, please contact your Dealer or contact Alpine at one of the telephone numbers listed below.

● **PRODUCTS COVERED:**

This Warranty covers Car Audio Products and Related Accessories ("the product"). Products purchased in the Canada are covered only in the Canada. Products purchased in the U.S.A. are covered only in the U.S.A.

● **LENGTH OF WARRANTY:**

This Warranty is in effect for one year from the date of the first consumer purchase.

● **WHO IS COVERED:**

This Warranty only covers the original purchaser of the product, who must reside in the United States, Puerto Rico or Canada.

● **WHAT IS COVERED:**

This Warranty covers defects in materials or workmanship (parts and labor) in the product.

● **WHAT IS NOT COVERED:**

This Warranty does not cover the following:

① Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).

② Damage caused by accident or abuse, including burned voice coils caused by over-driving the speaker (amplifier level is turned up and driven into distortion or clipping). Speaker mechanical failure (e.g. punctures, tears or rips). Cracked or damaged LCD panels. Dropped or damaged hard drives.

③ Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.

④ Damage caused by act of God, including without limitation, earthquake, fire, flood, storms or other acts of nature.
Any cost or expense related to the removal or reinstallation of the product.

⑤ Service performed by an unauthorized person, company or association.

⑥ Any product which has the serial number defaced, altered or removed.

⑦ Any product which has been adjusted, altered or modified without Alpine's consent.

⑧ Any product not distributed by Alpine within the United States, Puerto Rico or Canada.

⑨ Any product not purchased from an Authorized Alpine Dealer.

● **HOW TO OBTAIN WARRANTY SERVICE:**

① You are responsible for delivery of the product to an Authorized Alpine Service Center or Alpine for repair and for payment of any initial shipping charges. Alpine will, at its option, repair or replace the product with a new or reconditioned product without charge. If the repairs are covered by the warranty, and if the product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges.

② You should provide a detailed description of the problem(s) for which service is required.

③ You must supply proof of your purchase of the product.

④ You must package the product securely to avoid damage during shipment. To prevent lost packages it is recommended to use a carrier that provides a tracking service.

● **HOW WE LIMIT IMPLIED WARRANTIES:**

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR USE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON IS AUTHORIZED TO ASSUME FOR ALPINE ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

● **HOW WE EXCLUDE CERTAIN DAMAGES:**

ALPINE EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. THE TERM "INCIDENTAL DAMAGES" REFERS TO EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHERS COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM "CONSEQUENTIAL DAMAGES" REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY. THE REMEDIES PROVIDED UNDER THIS WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS.

● **HOW STATE/PROVINCIAL LAW RELATES TO THE WARRANTY:**

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. In addition, some states/provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

● **IN CANADA ONLY:**

This Warranty is not valid unless your Alpine car audio product has been installed in your vehicle by an Authorized Installation Center, and this warranty stamped upon installation by the installation center.

● **HOW TO CONTACT CUSTOMER SERVICE:**

Should the product require service, please call the following number for your nearest Authorized Alpine Service Center.

CAR AUDIO	1-800-ALPINE-1 (1-800-257-4631)
NAVIGATION	1-888-NAV-HELP (1-888-628-4357)

Or visit our website at; http://www.alpine-usa.com

ALPINE ELECTRONICS OF AMERICA, INC., 19145 Gramercy Place, Torrance, California 90501, U.S.A.

Do not send products to this address.

Call the toll free telephone number or visit the website to locate a service center.

About the Rules of Bluetooth Electromagnetic Radiation Regulation

USA/Canada	**FCC CAUTION**
	Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
	This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles). Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles les radioélectriques (RF) de la FCC lignes directrices d'exposition dans le Supplément C à OET65 et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée. Cependant, cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).
México	La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

MODELO:13BTPWB
2718-12-4557
ANATEL
(01) 07898936509116

Este produto contém a placa 13BTPWB código de homologação Anatel 2718-12-4557
Este equipamento opera em caráter secundário, isto é, não tem direito a proteção
contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar
interferência a sistemas operando em caráter primário.
Este equipamento está homologado pela ANATEL de acordo com os procedimentos
regulamentados pela Resolucão 242/2000 e atende aos requisites técnicos aplicados.

Don't forget to take a moment to protect your purchase by registering your product now at the following address: www.alpine-usa.com/registration.

N'oubliez pas de consacrer un moment à la protection de votre achat en enregistrant votre produit dès maintenant à l'adresse suivante : www.alpine-usa.com/registration.

Recuerde que con solo unos pocos pasos podrá proteger su producto, registrándolo a través de la siguiente dirección: www.alpine-usa.com/registration.

//////ALPINE®

CD/USB RECEIVER WITH ADVANCED BLUETOOTH

CDE-154BT

Made for
iPod   iPhone

BASS ENGINE SQ

Alpine TuneIt App

(((SiriusXm))) READY   Bluetooth   Works With PANDORA®

Variable RGB Illumination   compatible   facebook

For details on all functions, refer to the Owner's Manual stored in the supplied CD-ROM. (As it is data CD, the CD cannot be used for playing back music and images on the player.) If required, an ALPINE dealer will readily provide you with a print out of the Owner's Manual contained in the CD-ROM.

Pour obtenir de plus amples informations sur l'ensemble des fonctions, reportez-vous au mode d'emploi fourni sur le CD-ROM. (Étant donné qu'il s'agit d'un CD de données, ce CD ne peut pas être utilisé pour lire des fichiers audio ou image sur le lecteur.) Si vous le souhaitez, demandez à votre revendeur ALPINE de vous fournir la version papier du mode d'emploi contenu dans le CD-ROM.

Para obtener información detallada de todas las funciones, consulte el manual del propietario contenido en el CD-ROM que se suministra. (Al ser un CD de datos, el CD no se puede utilizar para reproducir música o imágenes en el reproductor.) Si es necesario, un distribuidor de ALPINE podrá facilitarle una copia impresa del manual del propietario incluido en el CD-ROM.

EN
FR
ES

QUICK REFERENCE GUIDE
GUIDE DE RÉFÉRENCE RAPIDE
GUÍA DE REFERENCIA RÁPIDA

Please register your product at www.alpine-usa.com/registration for a chance to win prizes.

Enregistrez-vous sur www.alpine-usa.com/registration et tentez de remporter des prix.

Registre su producto en la dirección www.alpine-usa.com/registration para optar a excelentes premios.

Contents / Contenu / Índice

IMPORTANT

Please record the serial number of your unit in the space provided below and keep it as a permanent record.

SERIAL NUMBER: _____

INSTALLATION DATE: _____

INSTALLATION TECHNICIAN: _____

PLACE OF PURCHASE: _____

IMPORTANT

Notez le numéro de série de l'appareil dans l'espace prévu ci-dessous et conservez-le en lieu sûr.

NUMÉRO DE SÉRIE : _____

DATE D'INSTALLATION : _____

INSTALLATEUR : _____

LIEU D'ACHAT : _____

IMPORTANTE

Anote el número de serie de la unidad en el espacio proporcionado a continuación y consérvelo como registro permanente.

NÚMERO DE SERIE: _____

FECHA DE INSTALACIÓN: _____

INSTALADOR: _____

LUGAR DE ADQUISICIÓN: _____

⚠ WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

⚠ AVERTISSEMENT

Ce symbole désigne des instructions importantes. Le non-respect de ces instructions peut entraîner de graves blessures, voire la mort.

N'ACTIVER AUCUNE FONCTION SUSCEPTIBLE DE DETOURNER VOTRE ATTENTION DE LA CONDUITE DU VEHICULE.

Les fonctions requérant une attention prolongée ne doivent être exploitées qu'à l'arrêt complet du véhicule. Toujours arrêter le véhicule à un endroit sûr avant d'activer ces fonctions. Il y a risque de provoquer un accident.

GARDER LE VOLUME À FAIBLE NIVEAU DE MANIÈRE À POUVOIR ENTENDRE LES BRUITS EXTÉRIEURS PENDANT LA CONDUITE.

Des niveaux de volume excessifs qui couvrent les sirènes des ambulances ou les signaux routiers (passages à niveau, etc.) peuvent être dangereux et provoquer un accident. UN NIVEAU DE VOLUME TROP ÉLEVÉ À L'INTÉRIEUR DU VÉHICULE PEUT ÉGALEMENT AVOIR DES EFFETS IRRÉVERSIBLES SUR VOTRE AUDITION.

MINIMISER L'AFFICHAGE EN COURS DE CONDUITE.

La visualisation de l'affichage peut distraire le conducteur de la conduite du véhicule et, partant, de provoquer un accident.

NE PAS DESASSEMBLER NI MODIFIER L'APPAREIL.

Il y a risque d'accident, d'incendie ou de choc électrique.

A UTILISER UNIQUEMENT SUR DES VOITURES A MASSE NEGATIVE DE 12 VOLTS.

(Vérifiez auprès de votre concessionnaire si vous n'en êtes pas certain.) Il y a risque d'incendie, etc.

GARDER LES PETITS OBJETS COMME LES PILES HORS DE PORTEE DES ENFANTS.

L'ingestion de tels objets peut entraîner de graves blessures. En cas d'ingestion, consulter immédiatement un médecin.

UTILISER DES FUSIBLES DE L'AMPERAGE APPROPRIE.

Il y a risque d'incendie ou de décharge électrique.

⚠ ADVERTENCIA

Este símbolo indica que las instrucciones son importantes. De no tenerse en cuenta, podría ocasionarse heridas graves o muerte.

NO REALICE NINGUNA OPERACIÓN QUE PUEDA DISTRAER SU ATENCIÓN Y COMPROMETER LA SEGURIDAD DURANTE LA CONDUCCIÓN DEL VEHÍCULO.

Las operaciones que requieren su atención durante más tiempo sólo deben realizarse después de detener completamente el vehículo. Estacione el vehículo en un lugar seguro antes de realizar dichas operaciones. De lo contrario, podría ocasionar un accidente.

MANTENGA EL VOLUMEN A UN NIVEL QUE NO LE IMPIDA ESCUCHAR LOS SONIDOS DEL EXTERIOR MIENTRAS CONDUCE.

Los niveles de volumen demasiado altos que reducen la percepción de otros sonidos como las sirenas de emergencia o posibles señales acústicas de advertencia en carretera (cruces de trenes, etc.) podrían ser peligrosos y provocar un accidente. LOS NIVELES DE VOLUMEN ALTOS EN EL VEHÍCULO TAMBIÉN PUEDEN DAÑAR EL SISTEMA AUDITIVO DE LOS PASAJEROS.

REDUZCA AL MÁXIMO LA VISUALIZACIÓN DE LA PANTALLA MIENTRAS CONDUCE.

El conductor puede distraer su atención de la carretera mientras mira la pantalla y ocasionar un accidente.

NO DESMONTE NI ALTERE LA UNIDAD.

Si lo hace, podrá ocasionar un accidente, un incendio o una descarga eléctrica.

UTILICE LA UNIDAD SOLAMENTE EN VEHÍCULOS QUE TENGAN 12 VOLTIOS CON NEGATIVO A MASA.

(Consulte a su distribuidor en caso de duda.) De no ser así, podría ocasionar un incendio, etc.

MANTENGA LOS OBJETOS PEQUEÑOS, COMO LAS PILAS, FUERA DEL ALCANCE DE LOS NIÑOS.

La ingestión de estos objetos puede provocar lesiones graves. Si esto ocurre, consulte con un médico inmediatamente.

UTILICE EL AMPERAJE CORRECTO CUANDO CAMBIE FUSIBLES.

De lo contrario, puede producirse un incendio o una descarga eléctrica.

DO NOT BLOCK VENTS OR RADIATOR PANELS.
Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.
Use for other than its designed application may result in fire, electric shock or other injury.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.
Doing so may result in personal injury or damage to the product.

MAKE THE CORRECT CONNECTIONS.
Failure to make the proper connections may result in fire or product damage.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.
Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT SPLICE INTO ELECTRICAL CABLES.
Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.
When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.
Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.
Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

NE PAS OBSTRUER LES SORTIES D'AIR NI LES PANNEAUX DU RADIATEUR.
Une surchauffe interne peut se produire et provoquer un incendie.

UTILISER CET APPAREIL POUR DES APPLICATIONS MOBILES DE 12 V.
Toute utilisation autre que l'application désignée comporte un risque d'incendie, de choc électrique ou de blessure.

NE PAS INTRODUIRE LES MAINS, LES DOIGTS NI DE CORPS ETRANGERS DANS LES FENTES ET LES INTERSTICES.
Il y a risque de blessures ou de dommages à l'appareil.

EFFECTUER CORRECTEMENT LES CONNEXIONS.
Il y a risque de blessures ou de dommages à l'appareil.

AVANT TOUTE CONNEXION, DEBRANCHER LE CABLE DE LA BORNE NEGATIVE DE LA BATTERIE.
Il y a risque de choc électrique ou de blessure par courts-circuits.

NE PAS DENUDER LES CABLES ELECTRIQUES.
Ne jamais enlever la gaine isolante pour alimenter un autre appareil. Il y a risque de dépassement de la capacité de courant et, partant, d'incendie ou de choc électrique.

NE PAS ENDOMMAGER DE CONDUITES NI DE CABLES LORS DU FORAGE DES TROUS.
Lors du forage de trous dans le châssis en vue de l'installation, veiller à ne pas entrer en contact, endommager ni obstruer de conduites, de tuyaux à carburant ou de fils électriques. Le non-respect de cette précaution peut entraîner un incendie.

NE PAS UTILISER DES ECROUS NI DES BOULONS DU CIRCUIT DE FREINAGE OU DE DIRECTION POUR LES CONNEXIONS DE MASSE.
Les boulons et les écrous utilisés pour les circuits de freinage et de direction (ou de tout autre système de sécurité) ou les réservoirs ne peuvent JAMAIS être utilisés pour l'installation ou la liaison à la masse. L'utilisation de ces organes peut désactiver le système de contrôle du véhicule et causer un incendie, etc.

NE PAS INSTALLER A DES ENDROITS SUSCEPTIBLES D'ENTRAVER LA CONDUITE DU VEHICULE, COMME LE VOLANT OU LE LEVIER DE VITESSES.
La vue vers l'avant pourrait être obstruée ou les mouvements gênés, etc., et provoquer un accident grave.

NO OBSTRUYA LOS ORIFICIOS DE VENTILACIÓN O LOS PANELES DEL RADIADOR.
Si los bloquea, el calor podría acumularse en el interior y producir un incendio.

UTILICE ESTE PRODUCTO CON APLICACIONES MÓVILES DE 12 V.
Si se emplea para otra aplicación distinta de la prevista, podría producirse un incendio, una descarga eléctrica u otras lesiones.

NO INTRODUZCA LAS MANOS, LOS DEDOS NI OTROS OBJETOS EXTRAÑOS EN LAS RANURAS DE INSERCIÓN O EN LAS ABERTURAS.
Si lo hiciera, podría sufrir heridas u ocasionar daños al equipo.

REALICE LAS CONEXIONES CORRECTAMENTE.
Una conexión incorrecta puede producir un incendio o dañar el equipo.

ANTES DE EFECTUAR EL CABLEADO, DESCONECTE EL CABLE DEL TERMINAL NEGATIVO DE LA BATERÍA.
De no hacerlo así, podría ocasionar una descarga eléctrica o heridas debido a cortocircuitos eléctricos.

NO EMPALME CABLES ELÉCTRICOS.
Nunca corte el aislamiento de un cable para suministrar energía a otro equipo. Esto hace que la capacidad portadora del cable se supere y puede ser la causa de incendios o descargas eléctricas.

EVITE DAÑAR LOS TUBOS Y EL CABLEADO CUANDO TALADRE AGUJEROS.
Si taladra agujeros en el chasis durante la instalación, tome las precauciones necesarias para no rozar, dañar u obstruir los tubos, las tuberías de combustible, los depósitos o el cableado eléctrico. De lo contrario, podría provocar un incendio.

NO UTILICE TUERCAS O PERNOS EN EL SISTEMA DE FRENOS O DE DIRECCIÓN PARA REALIZAR LAS CONEXIONES A MASA.
Los pernos o tuercas empleados en los sistemas de freno o de dirección (o en cualquier otro sistema relacionado con la seguridad del vehículo), o los depósitos, NUNCA deben utilizarse para instalaciones de cableado o conexión a masa. Si utiliza tales partes podrá incapacitar el control del vehículo y provocar un incendio, etc.

NO INSTALE EL EQUIPO EN LUGARES QUE PUEDAN INTERFERIR CON LA OPERACIÓN DEL VEHÍCULO, COMO EL VOLANTE DE DIRECCIÓN O LA CAJA DE CAMBIOS DE VELOCIDAD.
Esto podría obstaculizar la visibilidad y dificultar el movimiento, etc. y provocar accidentes graves.

4

⚠CAUTION

This symbol means important instructions.
Failure to heed them can result in injury or
material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.
Failure to do so may cause personal injury or damage to the product.
Return it to your authorized Alpine dealer or the nearest Alpine Service
Center for repairing.

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.
The wiring and installation of this unit requires special technical skill
and experience. To ensure safety, always contact the dealer where you
purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.
Be sure to use only the specified accessory parts. Use of other than
designated parts may damage this unit internally or may not securely
install the unit in place. This may cause parts to become loose resulting
in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.
Route the cables and wiring away from moving parts (like the seat
rails) or sharp or pointed edges. This will prevent crimping and damage
to the wiring. If wiring passes through a hole in metal, use a rubber
grommet to prevent the wire's insulation from being cut by the metal
edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.
Avoid installing the unit in locations with high incidence of moisture or
dust. Moisture or dust that penetrates into this unit may result in
product failure.

⚠ATTENTION

Ce symbole désigne des instructions
importantes. Le non-respect de ces
instructions peut entraîner des blessures ou
des dégâts matériels.

INTERROMPRE TOUTE UTILISATION EN CAS DE PROBLEME.
Le non-respect de cette précaution peut entraîner des blessures ou
endommager l'appareil. Retourner l'appareil auprès du distributeur
Alpine agréé ou un centre de service après-vente Alpine en vue de la
réparation.

FAIRE INSTALLER LE CABLAGE ET L'APPAREIL PAR DES EXPERTS.
Le câblage et l'installation de cet appareil requiert des compétences
techniques et de l'expérience. Pour garantir la sécurité, faire procéder à
l'installation de cet appareil par le distributeur qui vous l'a vendu.

UTILISER LES ACCESSOIRES SPECIFIES ET LES INSTALLER CORRECTEMENT.
Utiliser uniquement les accessoires spécifiés. L'utilisation d'autres
composants que les composants spécifiés peut causer des dommages
internes à cet appareil ou son installation risque de ne pas être effectuée
correctement. Les pièces utilisées risquent de se desserrer et de
provoquer des dommages ou une défaillance de l'appareil.

FAIRE CHEMINER LE CABLAGE DE MANIERE A NE PAS LE COINCER CONTRE UNE ARETE METALLIQUE.
Faire cheminer les câbles à l'écart des pièces mobiles (comme les rails
d'un siège) et des arêtes acérées ou pointues. Cela évitera ainsi de
coincer et d'endommager les câbles. Si un câble passe dans un orifice
métallique, utiliser un passe-cloison en caoutchouc pour éviter que la
gaine isolante du câble ne soit endommagée par le rebord métallique de
l'orifice.

NE PAS INSTALLER A DES ENDROITS TRES HUMIDES OU POUSSIEREUX.
Eviter d'installer l'appareil à des endroits soumis à une forte humidité
ou à de la poussière en excès. La pénétration d'humidité ou de
poussière à l'intérieur de cet appareil risque de provoquer une
défaillance.

⚠PRUDENCIA

Este símbolo indica que las instrucciones
son importantes. De no tenerse en cuenta,
podría ocasionarse heridas graves o daños
materiales.

DEJE DE USAR LA UNIDAD INMEDIATAMENTE SI APARECE ALGÚN PROBLEMA.
Su uso en estas condiciones podría ocasionar lesiones personales o
daños al producto. Lleve la unidad a un distribuidor Alpine autorizado
o al Centro de servicio Alpine más próximo para repararla.

CONFÍE EL CABLEADO Y LA INSTALACIÓN A PROFESIONALES.
El cableado y la instalación de este equipo requieren una competencia
y experiencia técnica confirmada. Para garantizar la seguridad,
póngase siempre en contacto con el distribuidor al que ha comprado el
equipo para confiarle estas tareas.

UTILICE LOS ACCESORIOS ESPECIFICADOS E INSTÁLELOS CORRECTAMENTE.
Asegúrese de utilizar los accesorios especificados solamente. La
utilización de otras piezas no designadas puede ser la causa de daños
en el interior de la unidad o de una instalación incorrecta. Las piezas
pueden aflojarse, lo que, además de ser peligroso, puede provocar
averías.

DISPONGA EL CABLEADO DE FORMA QUE LOS CABLES NO SE DOBLEN, NO SE CONTRAIGAN NI ROCEN UN BORDE METÁLICO AFILADO.
Aleje los cables y el cableado de piezas móviles (como los raíles de los
asientos) o de bordes puntiagudos o afilados. De esta forma evitará
dobleces y daños en el cableado. Si los cables se introducen por un
orificio de metal, utilice una arandela de goma para evitar que el borde
metálico del orificio corte el aislamiento del cable.

NO INSTALE LA UNIDAD EN LUGARES MUY HÚMEDOS O LLENOS DE POLVO.
Evite instalar la unidad en lugares con altos índices de humedad o
polvo. Si entra polvo o humedad, el equipo puede averiarse.

Getting Started / Mise en route / Primeros pasos
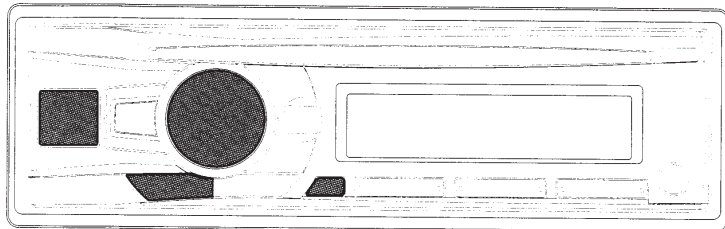
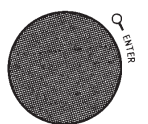| English	Français	Español
Turning Power On	**Mise sous tension**	**Encendido de la unidad**
Press any button (except ▲ and ▲̲) to turn power on.	Appuyez sur n'importe quel bouton (sauf ▲ et ▲̲) pour mettre l'appareil sous tension.	Pulse cualquier botón (excepto ▲ y ▲̲) para encender la unidad.
• *"DEMO OFF" will prompt when you install and use the unit for the first time, press Q /ENTER to turn off demo function. For details, refer to Owner's Manual stored in the supplied CD-ROM.*	• *Le message « DEMO OFF » s'affiche la première fois que vous installez et utilisez l'appareil ; appuyez sur Q /ENTER pour désactiver la fonction de démonstration. Pour plus de détails, consultez le Mode d'emploi enregistré sur le CD-ROM fourni.*	• *"DEMO OFF" aparecerá en la pantalla cuando instale y utilice la unidad por primera vez. Pulse Q /ENTER para desactivar la función de demostración. Para más información, consulte el Manual de operación incluido en el CD-ROM suministrado.*
Press and hold ⬅/⏻ for at least 2 seconds to turn off the unit.	Maintenez la touche ⬅/⏻ enfoncée pendant 2 secondes au moins pour mettre l'appareil hors tension.	Mantenga pulsado ⬅/⏻ durante, al menos, 2 segundos para apagar la unidad.

6

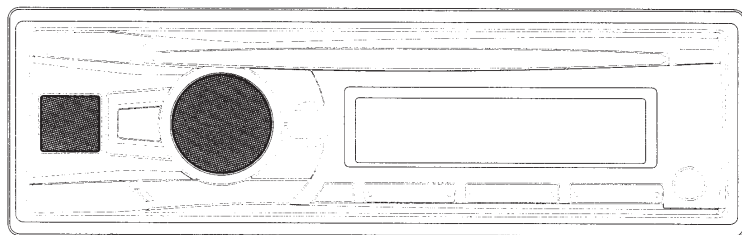|		
	Changing the Source TUNER → SIRIUSXM*¹ → DISC → USB AUDIO/iPod*² → BT AUDIO*³ → PANDORA*⁴ → AUXILIARY*⁵ → TUNER *¹ *Displayed only when a SiriusXM Tuner is connected.* *² *Displayed only when the iPod/iPhone is connected.* *³ *Displayed only when BT IN is set to ON.* *⁴ *Not displayed when ALPINE APP is set to OFF.* *⁵ *Displayed only when the AUX SETUP is set to ON.*	**Changement de source** TUNER → SIRIUSXM*¹ → DISC → USB AUDIO/iPod*² → BT AUDIO*³ → PANDORA*⁴ → AUXILIARY*⁵ → TUNER *¹ *S'affiche uniquement lors du raccordement d'un tuner SiriusXM.* *² *S'affiche uniquement lorsqu'un iPod/iPhone est connecté.* *³ *S'affiche uniquement lorsque BT IN est réglé sur ON.* *⁴ *Ne s'affiche pas lorsque ALPINE APP est réglé sur OFF.* *⁵ *S'affiche uniquement lorsque AUX SETUP est réglé sur ON.*	**Cambio de la fuente** TUNER → SIRIUSXM*¹ → DISC → USB AUDIO/iPod*² → BT AUDIO*³ → PANDORA*⁴ → AUXILIARY*⁵ → TUNER *¹ *Solo aparece si hay conectado un sintonizador SiriusXM.* *² *Aparece solo si hay un iPod/iPhone conectado.* *³ *Aparece solo cuando BT IN está ajustado en ON.* *⁴ *No aparece cuando ALPINE APP está ajustado en OFF.* *⁵ *Aparece solo cuando AUX SETUP está ajustado en ON.*
	Adjusting Volume	**Réglage du volume**	**Ajuste del volumen**
	Displaying the Text The display will change every time the button is pressed.	**Affichage du texte** L'affichage change chaque fois que vous appuyez sur cette touche.	**Visualización de texto** El visualizador cambiará cada vez que pulse el botón.

7

BASS ENGINE SQ Function / Fonction BASS ENGINE SQ / Función BASS ENGINE SQ

English	Français	Español
With the BASS ENGINE SQ function on this unit, several parameters affecting Bass performance are adjusted simultaneously. The BASS ENGINE SQ Level adjustment varies these parameters uniformly for optimum Bass effect at different levels.	Grâce à la fonction BASS ENGINE SQ de cet appareil, il est possible de régler simultanément plusieurs paramètres liés aux performances des graves. Le réglage du niveau du mode BASS ENGINE SQ permet de varier ces paramètres uniformément pour un effet de graves optimal à différent niveaux.	Con la función BASS ENGINE SQ de esta unidad, varios parámetros que afectan al rendimiento de graves se ajustan simultáneamente. El ajuste del nivel de BASS ENGINE SQ varía estos parámetros para obtener el mejor efecto de graves en los distintos niveles.
About Setup when the external power amplifier is connected. In order to optimize the BASS ENGINE SQ, we recommend the following power amplifier setup. After setting up, you can adjust the BASS ENGINE SQ Level according to the music. 1 **Set gain of the power amplifier to "MIN".** 2 **Set the Crossover Mode Sector switch to "OFF".** 3 **Set the BASS ENGIN of this unit to "ON", and the BASS ENGINE SQ Level to "+3".** 4 **Play a song of the genre you frequently listen to, and adjust gain of the power amplifier.**	**À propos de la configuration lorsque l'amplificateur de puissance externe est raccordé.** Pour optimiser le BASS ENGINE SQ, nous recommandons la configuration d'amplificateur de puissance suivante. Après la configuration, vous pouvez régler le niveau de BASS ENGINE SQ en fonction de la musique. 1 **Réglez le gain de l'amplificateur de puissance sur « MIN ».** 2 **Réglez le sélecteur du mode de transfertsur « OFF ».** 3 **Réglez le BASS ENGIN de cet appareil sur « ON », puis le niveau de BASS ENGINE SQ sur « +3 ».** 4 **Lisez un morceau du genre que vous écoutez fréquemment, puis réglez le gain de l'amplificateur de puissance.**	**Acerca de la configuración con el amplificador de potencia externo conectado.** Para optimizar el BASS ENGINE SQ, recomendamos configurar el amplificador de potencia de la forma siguiente. Después de la configuración, puede ajustar el nivel de BASS ENGINE SQ en función del tipo de música. 1 **Ajuste la ganancia del amplificador de potencia en "MIN".** 2 **Ajuste el interruptor selector de modo de cruce en "OFF".** 3 **Ajuste el BASS ENGIN de esta unidad en "ON" y el nivel de BASS ENGINE SQ en "+3".** 4 **Reproduzca una canción del género que escuche más a menudo y ajuste la ganancia del amplificador de potencia.**

		English		Français		Español	
1	BASS	**Activate BASS ENGINE SQ mode.** **Press and hold to switch to BASS ENGINE SQ mode.** BASS ENGINE SQ ↔ MANUAL SET (Initial setting)		**Activez le mode BASS ENGINE SQ.** **Maintenez cette touche enfoncée pour passer au mode BASS ENGINE SQ.** BASS ENGINE SQ ↔ MANUAL SET (réglage initial)		**Active el modo BASS ENGINE SQ.** **Pulse sin soltar para cambiar al modo BASS ENGINE SQ.** BASS ENGINE SQ ↔ MANUAL SET (Ajuste inicial)	
2-1	BASS	**Adjusting BASS ENGINE SQ level.**	Display the BASS ENGINE SQ Level adjustment screen.	**Réglage du niveau du mode BASS ENGINE SQ.**	Affichez l'écran de réglage du niveau du mode BASS ENGINE SQ.	**Ajuste del nivel de BASS ENGINE SQ.**	Muestra la pantalla de ajuste del nivel de BASS ENGINE SQ.
2-2			Select the desired level (0 - +6). (Initial setting: +3)		Sélectionnez le niveau de votre choix (0 - +6). (Réglage initial : +3)		Seleccione el nivel que desee (0 - +6). (Ajuste inicial: +3)
3	ENTER	**Enter.**		**Entrée.**		**Pulse Intro para confirmar.**	
		• *From Level 0 to Level 6, the effect of BASS ENGINE SQ increases level by level.*		• *Du niveau 0 au niveau 6, l'effet du mode BASS ENGINE SQ augmente progressivement.*		• *Entre Nivel 0 y Nivel 6, el efecto de BASS ENGINE SQ aumenta de un nivel en un nivel.*	

9

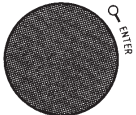# Applying TuneIt / Utilisation de l'application TuneIt / Aplicación de TuneIt

English	Français	Español
This unit's sound tuning is programmable from a connected Smartphone. Through this unit, it is also possible to receive and respond to information from Alpine's Social Network Service (SNS) available through the connected Smartphone. The installed TuneIt App should be launched on the Smartphone before connection to the head unit. For details, refer to Owner's Manual stored in supplied CD-ROM.	Le réglage du son de cet appareil est programmable depuis un smartphone connecté. Grâce à cet appareil, il est également possible de recevoir et de répondre aux informations du Service de réseau social (SNS) d'Alpine disponible via le smartphone connecté. L'application TuneIt installée doit être lancée sur le smartphone avant la connexion à l'appareil principal. Pour plus de détails, reportez-vous au Mode d'emploi figurant sur le CD-ROM fourni.	La sintonización del sonido de esta unidad puede programarse desde un smartphone conectado. A través de esta unidad, también es posible recibir y responder a información del servicio Social Network Service (SNS) de Alpine, disponible a través del smartphone conectado. Es necesario ejecutar la app instalada TuneIt en el smartphone antes de establecer la conexión con la unidad principal. Para obtener más información, consulte el Manual del propietario del CD-ROM suministrado.

Adjusting the sound via the Smartphone / Réglage du son via le smartphone / Ajuste del sonido a través del smartphone

	English	Français	Español
1	Make sure the unit is powered on.	Vérifiez si l'appareil est sous tension.	Asegúrese de que la unidad esté encendida.
2	Launch the TuneIt App on the Smartphone. Adjust the unit's sound accordingly on the Smartphone. • *Volume level cannot be adjusted via the Smartphone.* • *The setting cannot be done on both the Smartphone and this unit at the same time.* • *Please obey all local traffic laws while using this function.*	Lancez l'application TuneIt sur le smartphone. Réglez le son de l'appareil en conséquence sur le smartphone. • *Il est impossible de régler le volume via le smartphone.* • *Il est impossible de procéder au réglage simultanément sur le smartphone et cet appareil.* • *Veuillez respecter toutes les lois locales relatives à la circulation routière lorsque vous utilisez cette fonction.*	Ejecute la app TuneIt en el smartphone. Ajuste el sonido de la unidad en el smartphone. • *El nivel de volumen no puede ajustarse a través del smartphone.* • *No es posible realizar el ajuste en el smartphone y en esta unidad al mismo tiempo.* • *Respete siempre los códigos de circulación mientras utilice esta función.*

Receiving Notification / Reception de notifications / Recepcion de notificaciones
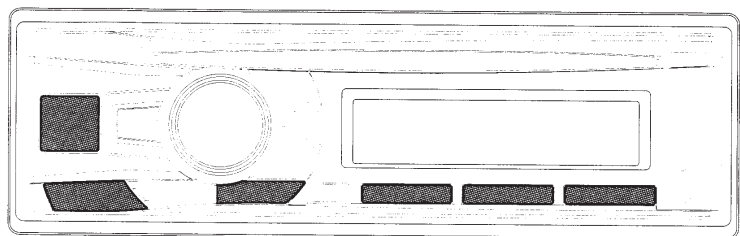
		English	Français	Español
1		Display the Notification Menu while receiving Notification from Facebook.	Affichez le Menu des notifications tout en recevant des notifications de Facebook.	Aparece el menú de notificación cuando se recibe una notificación de Facebook.
2		Select a desired mode from LIKE* / REPLAY / NEXT / PREVIOUS / TTS VOLUME. * *Not displayed when the received Notification is Message type.*	Sélectionnez le mode de votre choix parmi LIKE* / REPLAY / NEXT / PREVIOUS / TTS VOLUME. * *Ne s'affiche pas lorsque la notification reçue est un message.*	Seleccione el modo que desee entre las opciones LIKE* / REPLAY / NEXT / PREVIOUS / TTS VOLUME. * *No aparece si la notificación recibida es un mensaje.*
3		Enter.	Entrée.	Pulse Intro para confirmar.

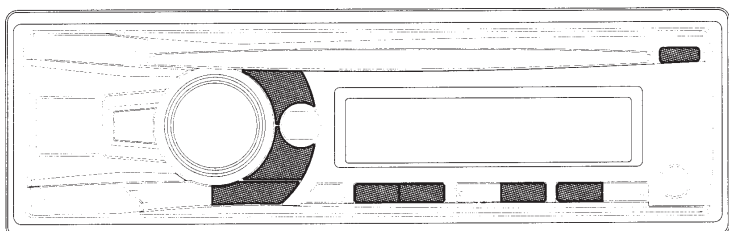## Display Notification List / Affichage de la liste des notifications / Visualizacion de la lista de notificaciones

		English	Français	Español
1		Press and hold for at least 2 seconds to display the Notification List.	Maintenez enfoncé pendant au moins 2 secondes pour afficher la Liste des notifications.	Mantenga pulsada esta opción durante por lo menos 2 segundos para mostrar la lista de notificaciones.
2		Select a desired notification.	Sélectionnez la notification de votre choix.	Seleccione la notificación que desee.
3		Enter.	Entrée.	Pulse Intro para confirmar.
4		Then go to step 2 of "Receiving Notification".	Passez ensuite à l'étape 2 de la section « Reception de notifications ».	A continuación, vaya al paso 2 de "Recepcion de notificaciones".

13

Radio

	English	Français	Español
1	**Recalling the TUNER Mode** Select the TUNER mode.	**Rappel du mode TUNER** Sélectionnez le mode TUNER.	**Recuperación del modo TUNER** Seleccione el modo TUNER.
2	**Changing the Band** FM1 → FM2 → AM → FM1	**Changement de fréquence** FM1 → FM2 → AM → FM1	**Cambio de la banda** FM1 → FM2 → AM → FM1
3	**Presetting Stations Automatically** **Press and hold for at least 2 seconds.** The tuner will automatically seek and store 6 strong stations in the selected band.	**Préréglage automatique des stations** **Maintenez cette touche enfoncée pendant au moins 2 secondes.** Le tuner recherche et mémorise automatiquement les 6 stations les plus puissantes sur la gamme sélectionnée.	**Almacenamiento automático de emisoras** **Pulse y mantenga presionado durante al menos 2 segundos.** El sintonizador buscará y almacenará automáticamente 6 emisoras de señal intensa en la banda seleccionada.
4	**Tuning to Preset Stations**	**Accord d'une station préréglée**	**Sintonía de emisoras memorizadas**

CD/MP3/WMA
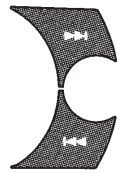
	English	Français	Español
	Pause and Playback	**Pause et lecture**	**Pausa y reproducción**
	Selecting the desired song Press and release the ◄◄ or ►►| to skip to the beginning of the current song or the next song.	**Sélection du morceau de votre choix** Appuyez sur la touche ◄◄ ou ►►|, puis relâchez-la pour aller au début du morceau actuel ou du morceau précédent.	**Selección de la canción deseada** Pulse y suelte ◄◄ o ►►| para omitir el principio de la canción actual o de la siguiente.
	Press and hold ◄◄ or ►►| to fast backward or fast forward.	Maintenez la touche ◄◄ ou ►►| enfoncée pour effectuer une recherche rapide vers l'arrière ou vers l'avant.	Pulse y mantenga presionado ◄◄ o ►►| para el avance o el retroceso rápido.
	Selecting the desired folder (MP3/WMA)	**Sélection du dossier de votre choix (MP3/WMA)**	**Selección de la carpeta deseada (MP3/WMA)**

15

	M.I.X. (Random Play)	M.I.X. (Lecture aléatoire)	M.I.X. (Reproducción aleatoria)
⤨ ○5	MIX FOLDER : Only files in a folder are played back in random sequence. (MP3/WMA) MIX ALL : The tracks are played back in random sequence. MIX OFF : Cancel	MIX FOLDER : Seuls Les fichiers d'un dossier sont lus dans un ordre aléatoire. (MP3/WMA) MIX ALL : Les pistes sont lues dans un ordre aléatoire. MIX OFF : Annulation	MIX FOLDER : Solo se reproducen en secuencia aleatoria los archivos incluidos en una carpeta. (MP3/WMA) MIX ALL : Las pistas se reproducen en secuencia aleatoria. MIX OFF : Cancelar
⇆ 4 ○	**Repeat Play** REPEAT ONE : Only a track/file is repeatedly played back. REPEAT FOLDER: Only files in a folder are repeatedly played back. (MP3/WMA) REPEAT OFF: Cancel	**Lecture répétée** REPEAT ONE : Une seule piste/fichier est lue d'une manière répétée. REPEAT FOLDER : Seuls les fichiers d'un dossier sont lus d'une manière répétée. (MP3/WMA) REPEAT OFF : Annulation	**Repetición de reproducción** REPEAT ONE : Solo se reproduce varias veces una pista/archivo. REPEAT FOLDER: Solo se reproducen varias veces los archivos incluidos en una carpeta. (MP3/WMA) REPEAT OFF : Cancelar
▲	**Eject**	**Éjection**	**Expulsar**

Flash memory (Optional) / Clé USB (en option) / Memoria USB (opcional)

	English	Français	Español
	Pause and Playback	**Pause et lecture**	**Pausa y reproducción**
	Selecting the desired song Press and release the ▐◀◀ or ▶▶▐ to skip to the beginning of the current song or the next song. Press and hold ▐◀◀ or ▶▶▐ to fast backward or fast forward.	**Sélection du morceau de votre choix** Appuyez sur la touche ▐◀◀ ou ▶▶▐, puis relâchez-la pour aller au début du morceau actuel ou du morceau précédent. Maintenez la touche ▐◀◀ ou ▶▶▐ enfoncée pour effectuer une recherche rapide vers l'arrière ou vers l'avant.	**Selección de la canción deseada** Pulse y suelte ▐◀◀ o ▶▶▐ para omitir el principio de la canción actual o de la siguiente. Pulse y mantenga presionado ▐◀◀ o ▶▶▐ para el avance o el retroceso rápido.

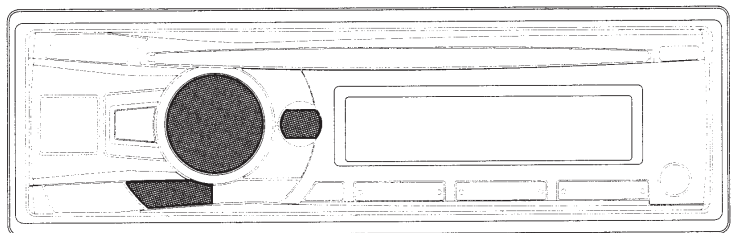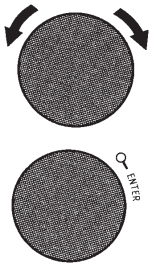|			
⤬ ◦ 5	**M.I.X. (Random Play)** MIX FOLDER : All songs in the current folder are played back in random sequence. MIX ALL : All songs in the Flash Memory are played back in random sequence. MIX OFF : Cancel	**M.I.X. (Lecture aléatoire)** MIX FOLDER : Tous les morceaux du dossier actuel sont lus dans un ordre aléatoire. MIX ALL : Tous les morceaux de la clé USB sont lus dans un ordre aléatoire. MIX OFF : Annulation	**M.I.X. (Reproducción aleatoria)** MIX FOLDER : Todas las canciones de la carpeta actual se reproducen de forma aleatoria. MIX ALL : Todas las canciones de la memoria USB se reproducen de forma aleatoria. MIX OFF : Cancelar

⇄ 4 ◦	**Repeat Play**
	
	REPEAT ONE : Only a file is repeatedly played back.
	
	REPEAT FOLDER:
	  Only files in a folder are repeatedly played back.
	
	REPEAT OFF: Cancel
		Lecture répétée
		
		REPEAT ONE : Un seul fichier est lu d'une manière répétée.
		
		REPEAT FOLDER :
		  Seuls les fichiers d'un dossier sont lus d'une manière répétée.
		
		REPEAT OFF : Annulation
			Repetición de reproducción
			
			REPEAT ONE : Solo se reproduce varias veces un archivo.
			
			REPEAT FOLDER:
			  Solo se reproducen varias veces los archivos incluidos en una carpeta.
			
			REPEAT OFF : Cancelar

BLUETOOTH®

English	Français	Español
About BLUETOOTH	**A propos de BLUETOOTH**	**Acerca de BLUETOOTH**
BLUETOOTH is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call or data transmission between BLUETOOTH compatible devices.	BLUETOOTH est une technologie sans fil qui permet à un appareil mobile et à un ordinateur de communiquer entre eux sur de courtes distances. Elle permet d'établir des communications mains libres et de transmettre des données entre des appareils compatibles BLUETOOTH.	BLUETOOTH es una tecnología inalámbrica que permite comunicarse entre un dispositivo móvil o un ordenador personal en distancias cortas. De este modo pueden realizarse llamadas manos libres o transmitir datos entre dispositivos compatibles con BLUETOOTH.
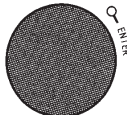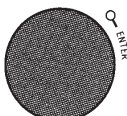
Pairing with a BLUETOOTH compatible device / Association d'un appareil compatible BLUETOOTH / Sincronización con un dispositivo compatible con BLUETOOTH

	English	Français	Español
1	Use your BLUETOOTH compatible device to search and select **"CDE-154Series"**.	Recherchez puis sélectionnez « **CDE-154Series** » depuis votre appareil compatible BLUETOOTH.	Utilice su dispositivo compatible con BLUETOOTH para detectar y seleccionar **"CDE-154Series"**.
	For iPod/iPhone, connect it to this unit via USB port.	Raccordez l'iPod/iPhone à cet appareil via le port USB.	En el caso de iPod/iPhone, conéctelos a esta unidad a través del puerto USB.
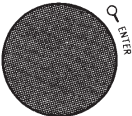
2		**<For devices with Secure Simple Pairing (SSP) or iPod/iPhone>** The head unit will ask to **"PAIR"**. Use the **Rotary encoder** to select **"YES"** and press Q /**ENTER**.	**<Pour les appareils compatibles Secure Simple Pairing (SSP) ou l'iPod/iPhone>** L'autoradio affichera le message « **PAIR** ». Tournez le **Bouton rotatif** pour sélectionner « **YES** », puis appuyez sur Q /**ENTER**.	**<Para dispositivos con Sintonización segura simple (SSP) o iPod/iPhone>** La unidad principal mostrará la solicitud **"PAIR"**. Gire el **Codificador giratorio** para seleccionar **"YES"** y, a continuación, pulse Q /**ENTER**.
		<For all other devices> When prompted by the head unit, input the PIN code **"0000"** on the BLUETOOTH compatible device.	**<Pour tous les autres appareils>** Lorsque l'autoradio le demande, entrez le code PIN « **0000** » sur votre appareil compatible BLUETOOTH.	**<Para todos los demás dispositivos>** Cuando la unidad principal lo solicite, introduzca el código PIN **"0000"** en el dispositivo compatible con BLUETOOTH.
3		When pairing is successful, **"CONNECTED"** will be displayed on the head unit.	Lorsque l'association est réussie, le message « **CONNECTED** » s'affiche sur l'autoradio.	Cuando se complete con éxito la sincronización, la unidad principal mostrará en pantalla **"CONNECTED"**.

		English	Français	Español
1		Press to activate the outgoing method list selection mode.	Appuyez sur cette touche pour activer le mode de sélection de la liste des modes d'émission d'appel.	Pulse para activar el modo de selección de la lista de llamadas salientes.
2		Select a desired outgoing mode from DIALED/RECEIVED/MISSED/PHONE BOOK.	Choisissez le mode de sortie désiré parmi DIALED/RECEIVED/MISSED/PHONE BOOK.	Seleccione el modo de llamadas salientes deseado entre DIALED/RECEIVED/MISSED/PHONE BOOK.
3		Enter.	Entrée.	Pulse Intro para confirmar.
4		Select the desired name or telephone number.	Sélectionnez le nom ou le numéro de téléphone souhaité.	Seleccione el nombre o el número de teléfono que desee.
5		Enter. The selected telephone will be called.	Entrée. Le téléphone sélectionné est appelé.	Pulse Intro para confirmar. El teléfono llamará al número seleccionado.

21

Answering the Incoming Call / Répondre à un appel entrant / Cómo responder a una llamada entrante

	English	Français	Español
or	**Answer the call.** The call starts.	**Répondez à l'appel.** L'appel commence.	**Responda a la llamada.** La llamada se iniciará.
	• *When "AUTO ANS" is set to ON, the call is answered automatically after about 5 seconds.*	• *Lorsque « AUTO ANS » est réglé sur ON, l'appel est automatiquement pris après environ 5 secondes.*	• *Si el parámetro "AUTO ANS" se configura como ON, la llamada se responde automáticamente tras 5 segundos aproximadamente.*

Hanging up the Telephone / Raccrocher le téléphone / Cómo colgar el teléfono

	English	Français	Español
or	**End the call.**	**Terminez l'appel.**	**Ponga fin a la llamada.**

22

Voice Control Operation / Fonction de contrôle vocal / Operaciones de control por voz

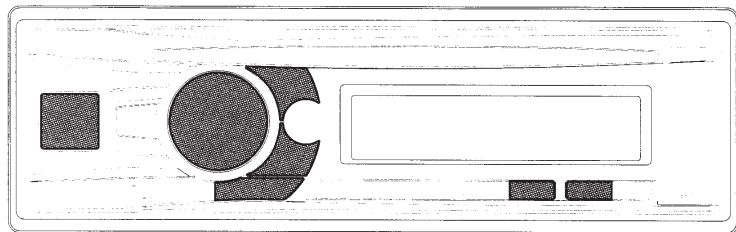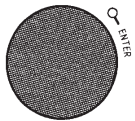|	English	Français	Español
1	**Press and hold for at least 2 seconds to activate the Voice Recognition mode.**	**Appuyez sur cette touche pendant au moins 2 secondes pour activer le mode de reconnaissance vocale.**	**Púlselo sin soltarlo durante al menos 2 segundos para activar el modo de reconocimiento de voz.**
2	**After the Voice Recognition mode is activated and "SPEAK" is displayed, you can make a phone call, play a song, etc., via this unit by inputting voice control commands*.** * *Please refer to your Smartphone manual for other voice control commands.*	**Une fois le mode de reconnaissance vocale activé et l'indication « SPEAK » affichée, vous pouvez passer un appel, lire un morceau, etc., via cet appareil en créant des commandes de contrôle vocal*.** * *Reportez-vous à la documentation de votre Smartphone pour connaître les autres commandes de contrôle vocal.*	**Una vez activado el modo de reconocimiento de voz y cuando aparezca "SPEAK", puede realizar una llamada de teléfono, reproducir una canción, etc., a través de esta unidad mediante órdenes de control por voz*.** * *Consulte el manual de su teléfono inteligente para saber más sobre las órdenes de control por voz.*
	• *You can perform this operation only when a Voice recognition compatible Smartphone is connected. If the Smartphone is not compatible with the Voice recognition, "NO SUPPORT" is displayed for 2 seconds.* • *The Voice recognition performance depends on the Smartphone and mounting location of the microphone. Please pay attention when the microphone is mounted.* • *Voice recognition operation depends on the function of the Smartphone. For details, refer to the Owner's Manual of the Smartphone.* • *If a called person that you say is not found, "NO CALL" is displayed for 2 seconds.* • *Please obey all local traffic laws while using this function.*	• *La reconnaissance vocale est disponible uniquement lorsque vous connectez un Smartphone compatible avec cette fonction. Si votre Smartphone n'est pas compatible avec la fonction de reconnaissance vocale, l'indication « NO SUPPORT » s'affiche pendant 2 secondes.* • *Les performances de la reconnaissance vocale dépendent du smartphone et de l'emplacement de montage du microphone. Soyez attentif lors de l'installation du microphone.* • *La reconnaissance vocale dépend des fonctionnalités du Smartphone. Pour obtenir de plus amples informations, reportez-vous au mode d'emploi du Smartphone.* • *Si le nom de la personne que vous prononcez est introuvable, l'indication « NO CALL » s'affiche pendant 2 secondes.* • *Veillez à respecter la législation en matière de circulation routière lorsque vous utilisez cette fonction.*	• *Puede realizar esta operación únicamente si ha conectado un Teléfono inteligente compatible con reconocimiento de voz. Si el Teléfono inteligente no es compatible con reconocimiento de voz, aparecerá "NO SUPPORT" en la pantalla durante 2 segundos.* • *El funcionamiento del reconocimiento de voz depende del smartphone y del sitio donde esté ubicado el micrófono. Se debe tener en cuenta la posición de montaje del micrófono.* • *El funcionamiento de reconocimiento de voz depende de la funcionalidad del Teléfono inteligente. Para obtener más información al respecto, consulte el Manual de operación del Teléfono inteligente.* • *Si el nombre de la persona a la que quiere llamar no se encuentra, aparecerá "NO CALL" en la pantalla durante 2 segundos.* • *Siga todas las normativas locales de tráfico cuando utilice esta función.*

23

iPod/iPhone (Optional) / iPod/iPhone (en option) / iPod/iPhone (opcional)

	English	Français	Español
	An iPod/iPhone can be connected to this unit by using the Interface cable for iPod (included with iPod/iPhone).	Un iPod/iPhone peut être connecté à cet appareil à l'aide d'un câble d'interface pour iPod (inclus avec l'iPod/iPhone).	Es posible conectar un iPod/iPhone a esta unidad mediante el cable de interfaz para iPod (suministrado con el iPod/iPhone).
	Recalling the iPod Mode Select the iPod mode.	**Rappel du mode iPod** Sélectionnez le mode iPod.	**Recuperación de la fuente iPod** Seleccione la fuente iPod.
	Pause and Playback	**Pause et lecture**	**Pausa y reproducción**

24

	Selecting the desired song	**Sélection du morceau de votre choix**	**Selección de la canción deseada**
	Press and release the ◄◄ or ►►◄ to skip to the beginning of the current song or the next song.	Appuyez sur la touche ◄◄ ou ►►◄, puis relâchez-la pour aller au début du morceau actuel ou du morceau précédent.	Pulse y suelte ◄◄ o ►►◄ para omitir el principio de la canción actual o de la siguiente.
	Press and hold ◄◄ or ►►◄ to fast backward or fast forward through the current song.	Maintenez la touche ◄◄ ou ►►◄ enfoncée pour une recherche rapide vers l'arrière ou vers l'avant au sein du morceau actuel.	Pulse y mantenga presionado ◄◄ o ►►◄ para avanzar o retroceder rápido en la canción actual.

	Random Play Shuffle (M.I.X.)	**Lecture aléatoire (M.I.X.)**	**Reproducción aleatoria (M.I.X.)**

	MIX ALBUM (Shuffle Albums):
	  Album shuffle playback plays back all songs in order, then randomly selects the next album.
	
	MIX SONG (Shuffle Songs):
	  Song shuffle randomly plays back songs within a selected category (playlist, album, etc.).
	
	MIX OFF : Cancel
		MIX ALBUM (Lecture aléatoire des albums) :
		  La lecture aléatoire de l'album lit tous les morceaux dans l'ordre, puis sélectionne au hasard l'album suivant.
		
		MIX SONG (Lecture aléatoire des morceaux) :
		  Cette fonction lit de manière aléatoire les morceaux d'une catégorie choisie (liste d'écoute, album, etc.).
		
		MIX OFF : Annulation
			MIX ALBUM (Reproducir álbumes de forma aleatoria):
			  La reproducción aleatoria de álbumes reproduce todas las canciones en orden y, a continuación, selecciona el siguiente álbum de forma aleatoria.
			
			MIX SONG (Reproducir canciones de forma aleatoria):
			  La reproducción aleatoria de canciones reproduce las canciones de una categoría seleccionada (lista de reproducción, álbum, etc.).
			
			MIX OFF : Cancelar

25

	Random Play Shuffle All	**Lecture aléatoire All**	**Reproducción aleatoria Reproducir todo de forma aleatoria**

Random Play Shuffle All

1. Press Q **/ENTER** to activate the search selection mode.
2. Turn the **Rotary encoder** to select SHUFFLEALL, and then press Q **/ENTER**.

SHUFFLEALL : Shuffle ALL plays all songs in the iPod/iPhone randomly. Any one song does not play back again until all songs have been played back.

• *To cancel the Shuffle ALL mode, press ⤨ 5 to select MIX OFF.*

Lecture aléatoire All

1. Appuyez sur Q **/ENTER** pour activer le mode de sélection par recherche.
2. Tournez le **Bouton rotatif** pour sélectionner SHUFFLEALL, puis appuyez sur Q **/ENTER**.

SHUFFLEALL : La lecture aléatoire ALL lit tous les morceaux de l'iPod/iPhone de manière aléatoire. Aucune musique n'est lue à nouveau avant qu'elles n'aient d'abord toutes été lues.

• *Pour annuler le mode de lecture aléatoire ALL, appuyez sur ⤨ 5 pour sélectionnez MIX OFF.*

Reproducción aleatoria Reproducir todo de forma aleatoria

1 Pulse Q **/ENTER** para activar el modo de selección de búsqueda.
2 Gire el **Codificador giratorio** para seleccionar SHUFFLEALL y, a continuación, pulse Q **/ENTER**.

SHUFFLEALL : Reproduce todas las canciones del iPod/ iPhone de forma aleatoria. No se repite ninguna canción hasta que no se hayan reproducido todas.

• *Para cancelar el modo Shuffle ALL, pulse ⤨ 5 para seleccionar MIX OFF.*

Repeat Play

REPEAT ONE : Only a song is repeatedly played back.

REPEAT OFF : Cancel

Lecture répétée

REPEAT ONE : Un seul morceau est lu d'une manière répétée.

REPEAT OFF : Annulation

Repetición de reproducción

REPEAT ONE : Solo se reproduce varias veces una canción.

REPEAT OFF : Cancelar

Searching for a desired Song (iPod/iPhone) / Recherche d'un morceau souhaité (iPod/iPhone) / Búsqueda de la canción deseada (iPod/iPhone)

Hierarchy 1/Hiérarchie 1/Jerarquía 1	Hierarchy 2/Hiérarchie 2/Jerarquía 2	Hierarchy 3/Hiérarchie 3/Jerarquía 3	Hierarchy 4/Hiérarchie 4/Jerarquía 4
Playlist/Liste de lecture/Lista de reproducción	Song/Morceau/Canción	—	—
Artist/Artiste/Artista	Album/Album/Álbum	Song/Morceau/Canción	—
Album/Album/Álbum	Song/Morceau/Canción	—	—
Song/Morceau/Canción	—	—	—
Podcast/Podcast/Podcast	Episode/Épisode/Episodio	—	—
Genre/Genre/Género	Artist/Artiste/Artista	Album/Album/Álbum	Song/Morceau/Canción
Composer/Compositeur/Canciones	Album/Album/Álbum	Song/Morceau/Canción	—
Audiobook/Livre audio/Audiolibro	—	—	—
Genius Mix list/Liste Genius Mix/ Lista Genius Mix	—	—	—

		English	*Français*	*Español*
1		Activate the search selection mode.	Activez le mode de sélection de recherche.	Active el modo de selección de búsqueda.

27

2		**Select the desired search mode.** **PLAYLIST/ARTIST/ALBUM/SONG/ PODCAST/GENRE/COMPOSER/ AUDIOBOOK/GENIUS MIX** • *The display of search mode list varies depending on the setting of iPod LIST.*	**Sélectionnez le mode de recherche de votre choix.** **PLAYLIST/ARTIST/ALBUM/SONG/ PODCAST/GENRE/COMPOSER/ AUDIOBOOK/GENIUS MIX** • *L'affichage de la liste du mode de recherche dépend du paramètre défini dans iPod LIST.*	**Seleccione el modo de búsqueda deseado.** **PLAYLIST/ARTIST/ALBUM/SONG/ PODCAST/GENRE/COMPOSER/ AUDIOBOOK/GENIUS MIX** • *La lista de modos de búsqueda disponibles variará en función del ajuste seleccionado para iPod LIST.*		
3		**Enter.**	**Entrée.**	**Pulse Intro para confirmar.**		
4		**Select the desired title.**	**Sélectionnez le titre de votre choix.**	**Seleccione el título deseado.**		
5		**Enter.**	Song/Audiobook/ Genius Mix Search mode: The selected song/audiobook/ genius mix list is played back.	**Entrée.**	Mode de recherche par morceau/livre audio/mix Genius : La lecture du morceau/livre audio/mix Genius sélectionné commence.	**Pulse Intro para confirmar.**	Modo de búsqueda Canción/ Audiolibro/Genius Mix: Se reproduce la lista de canción/ audiolibro/genius mix seleccionada.
			Others Search mode: Proceeds to the next hierarchy level. Search for a title by performing steps 4 and 5 repeatedly.		Autres modes de recherche : Passez au niveau de hiérarchie suivant. Recherchez un titre en suivant plusieurs fois les étapes 4 et 5.		Modo de búsqueda de otros: Prosigue hasta el siguiente nivel jerárquico. Busque un título realizando los pasos 4 y 5 repetidamente.
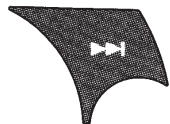
- *After pressing and holding* 🔍 */ENTER for at least 2 seconds while in each hierarchy (except Song, Audiobook and Genius Mix list hierarchy), all songs of the selected hierarchy are played back.*
- *When search is made during M.I.X. play, the M.I.X. play mode will be canceled.*

- *Après avoir appuyé sur* 🔍 */ENTER pendant 2 secondes au moins au sein d'une hiérarchie (sauf les hiérarchies Song, Audiobook et Genius Mix), tous les morceaux de la hiérarchie sélectionnée sont lus.*
- *Lorsque la recherche est effectuée pendant la lecture M.I.X., le mode de lecture M.I.X. est annulé.*

- *Tras mantener pulsado* 🔍 */ENTER por lo menos 2 segundos en cada jerarquía (excepto la jerarquía de lista de canción, audiolibro y Genius Mix), todas las canciones de la jerarquía seleccionada se reproducirán.*
- *Si se realiza la búsqueda durante la reproducción M.I.X., el modo de reproducción M.I.X. se cancelará.*

Pandora® internet radio (Optional) / Radio internet Pandora® (en option) / Radio por internet Pandora® (opcional)
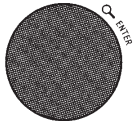
	English	Français	Español
	Pandora® internet radio is your own FREE personalized radio now available to stream music on your smartphone (which runs Android OS or iOS). The CDE-154BT enables you to interact with your Pandora® account by connecting a smartphone that has the latest version of the Pandora® application installed.	La radio par Internet Pandora® est un service radio personnalisé permettant de diffuser de la musique sur votre téléphone portable (qui exécute Android OS ou iOS). Le CDE-154BT permet d'interagir avec votre compte Pandora® en connectant un téléphone portable doté de la dernière version de l'application Pandora®.	La radio por Internet Pandora® es un servicio de radio totalmente personalizable y GRATUITA ahora disponible para escuchar música en streaming en el smartphone (que ejecute Android OS o iOS). Los modelos CDE-154BT permiten interactuar con la cuenta de Pandora® si conecta un smartphone con la versión más reciente de la aplicación Pandora® instalada.
	Recalling the PANDORA Mode Select the PANDORA mode.	**Rappel du mode PANDORA** Sélectionnez le mode PANDORA.	**Recuperación del modo PANDORA** Seleccione el modo PANDORA.
	Pause and Playback	**Pause et lecture**	**Pausa y reproducción**

30

Selecting the desired track	Sélection de la piste souhaitée	Selección de la pista deseada
To skip to the next track, press ►►I.	Pour passer au morceau suivant, appuyez sur ►►I.	Para saltar a la pista siguiente, pulse ►►I.
"Thumbs" Feedback. **Press 👍 or 👎 for thumbs up or thumbs down.** 👍: Thumbs up. 👎: Thumbs down.	**Indications visuelles personnalisées.** **Appuyez sur 👍 ou 👎 pour sélectionner le pouce levé ou le pouce baissé.** 👍: Pouce vers le haut (approuvé). 👎: Pouce vers le bas (désapprobation).	**Opiniones gestuales.** **Pulse 👍 o 👎 para activar el pulgar hacia arriba o el pulgar hacia abajo.** 👍: Pulgar hacia arriba (aprobación). 👎: Pulgar hacia abajo (desaprobación).
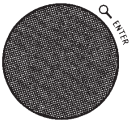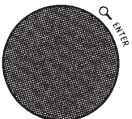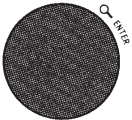
Bookmarking a desired Song or Artist / Mise en signet d'un morceau ou d'un artiste / Agregar a favoritos una canción o artista que desee

		English	*Français*	*Español*
1		Activate the Bookmark mode.	Activez le mode Marquage.	Active el modo de búsqueda.
2		Select the "TRACK (Bookmark)" or "ARTIST (Bookmark)".	Sélectionnez « TRACK (Signet) » ou « ARTIST (Signet) ».	Seleccione "TRACK (Favorito)" o "ARTIST (Favorito)".
3		**Enter.** The current track or artist is bookmarked.	**Entrée.** Le morceau ou l'artiste en cours est mis en signet.	**Pulse Intro para confirmar.** La pista o artista actual se agrega a favoritos.

Creating a New Station / Création d'une station / Creación de una nueva emisora

		English	Français	Español
1		**Activate New Station Creating mode.**	**Activez le mode de création d'une nouvelle station.**	**Active el modo de creación de una nueva emisora.**
2		**Select "TRACK" or "ARTIST".**	**Sélectionnez « TRACK » ou « ARTIST ».**	**Seleccione "TRACK" o "ARTIST".**
3		**Enter.** A New Station based on current track or artist is created.	**Entrée.** Une nouvelle station de radio basée sur le morceau ou l'artiste en cours est créée.	**Pulse Intro para confirmar.** Se creará una nueva emisora a partir de la pista o el artista actual.

Searching for a desired Station / Recherche d'une station / Búsqueda de una emisora deseada

		English	Français	Español
1		**Activate the search selection mode.**	**Activez le mode de sélection de recherche.**	**Active el modo de selección de búsqueda.**
2		**Select the desired search mode.** A-Z (Alphabet Search) / BY DATE (Search by Date Added)	**Sélectionnez le mode de recherche de votre choix.** A-Z (Recherche alphabétique) / BY DATE (Recherche par date ajoutée)	**Seleccione el modo de búsqueda deseado.** A-Z (Búsqueda alfabética) / BY DATE (Búsqueda por fecha de agregación)
3		**Enter.**	**Entrée.**	**Pulse Intro para confirmar.**
4		**Select the desired station.**	**Sélectionnez la station de votre choix.**	**Seleccione la emisora deseada.**
5		**Enter.** Pandora® will play that station.	**Entrée.** Pandora® diffuse cette station.	**Pulse Intro para confirmar.** Pandora® reproducirá dicha emisora.

33

SiriusXM Satellite Radio Operation (Optional) / Utilisation de la radio par satellite SiriusXM (en option) / Funcionamiento de la radio por satélite SiriusXM (opcional)
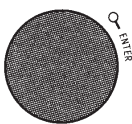
	English	Français	Español
	SiriusXM Tuner operation: when a SiriusXM Tuner is connected to this unit, the following operations may be performed.	Utilisation du tuner SiriusXM : Lors du raccordement d'un tuner SiriusXM à cet appareil, les opérations suivantes sont disponibles.	Funcionamiento del sintonizador SiriusXM: Si hay conectado un sintonizador SiriusXM a esta unidad, podrá hacer lo siguiente.
1	**Recall the Satellite Radio (SIRIUSXM) mode.**	**Rappelez le mode Radio par satellite (SIRIUSXM).**	**Recupere el modo de radio por satélite (SIRIUSXM).**
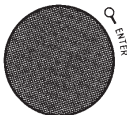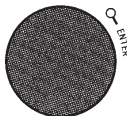
2		**Select the desired channel.**	**Sélectionnez le canal de votre choix.**	**Seleccione el canal que desee.**
3		**Select the desired band.** SXM1 → SXM2 → SXM3 → SXM1	**Sélectionnez la bande de votre choix.** SXM1 → SXM2 → SXM3 → SXM1	**Seleccione la banda que desee.** SXM1 → SXM2 → SXM3 → SXM1
4		**Storing Channel Presets** Press and hold one of the **preset buttons (1 through 6)**, for at least 2 seconds, to store the channel. **Tuning Channels using Presets** Press the **preset buttons (1 through 6)** that has your desired Satellite Radio channel stored in memory.	**Mémorisation des préréglages de canaux** Maintenez enfoncée l'une des **touches de préréglage (1 à 6)** pendant au moins 2 secondes pour mémoriser le canal. **Syntonisation de canaux via les touches de préréglage** Appuyez sur la **touche de préréglage (1 à 6)** sous laquelle vous avez mémorisé le canal de radio par satellite souhaité.	**Memorización de canales** Pulse y mantenga presionado uno de los **botones de memorización (1 al 6)** durante al menos 2 segundos para guardar el canal. **Sintonización de canales mediante números de memorización** Pulse el **botón de memorización (1 al 6)** que tenga su canal deseado de radio por satélite guardado en la memoria.

Setting the Time / Réglage de l'heure / Ajuste de la hora

	English	Français	Español
1	**Activate the SETUP mode.** Press and hold for at least 2 seconds.	**Activez le mode SETUP.** Maintenez cette touche enfoncée pendant au moins 2 secondes.	**Active el modo SETUP.** Púlselo sin soltarlo durante al menos 2 segundos.
2	**Select GENERAL mode.**	**Sélectionnez le mode GENERAL.**	**Seleccione el modo GENERAL.**
3	**Enter.**	**Entrée.**	**Pulse Intro para confirmar.**

36

4		Select CLOCK ADJ mode.	Sélectionnez le mode CLOCK ADJ.	Seleccione el modo CLOCK ADJ.
5		Enter.	Entrée.	Pulse Intro para confirmar.
6		Adjust the hours.	Réglez les heures.	Ajuste la hora.
7		**Enter.** Repeat 6 and 7 to adjust minutes.	**Entrée.** Répétez les étapes 6 et 7 pour régler les minutes.	**Pulse Intro para confirmar.** Repita el paso 6 y 7 para ajustar los minutos.
8		**Return to normal mode.** Press and hold for at least 2 seconds.	**Revenez au mode normal.** Maintenez cette touche enfoncée pendant au moins 2 secondes.	**Vuelva al modo normal.** Púlselo sin soltarlo durante al menos 2 segundos.

Specifications / Spécifications / Especificaciones

FM TUNER SECTION

Tuning Range   87.7-107.9 MHz

AM TUNER SECTION

Tuning Range   530-1,710 kHz

GENERAL

Power Requirement   14.4 V DC
           (11-16 V allowable)
Power Output   18 W RMS × 4*

    * Primary amplifier ratings per CEA-2006
      Standard
      • Power output: measured at 4 Ohms and
        ≤ 1% THD+N
      • S/N: 80 dBA (reference: 1 W into 4 Ohms)
Weight   1.4 kg (3 lbs. 1 oz)

CHASSIS SIZE

Width   178 mm (7")
Height   50 mm (2")
Depth   161.5 mm (6-3/8")

SECTION DU TUNER FM

Plage de syntonisation   87,7-107,9 MHz

SECTION DU TUNER AM

Plage de syntonisation   530-1 710 kHz

GÉNÉRALITÉS

Alimentation   14,4 V CC
           (11-16 V admissibles)
Puissance de sortie   18 W RMS × 4*

    * Valeurs nominales de l'amplificateur principal
      selon la norme CEA-2006
      • Puissance de sortie : mesurée à 4 ohms et
        ≤ 1% THD+N
      • Rapport signal-bruit : 80 dBA
        (référence : 1 W dans 4 ohms)
Poids   1,4 kg (3 lbs. 1 oz)

DIMENSIONS DU CHÂSSIS

Largeur   178 mm (7")
Hauteur   50 mm (2")
Profondeur   161,5 mm (6-3/8")

SECCIÓN DEL SINTONIZADOR FM

Gama de sintonización   87,7-107,9 MHz

SECCIÓN DEL SINTONIZADOR AM

Gama de sintonización   530-1.710 kHz

GENERAL

Requisito de alimentación   14,4 V CC
           (11-16 V margen
           permisible)
Salida de alimentación   18 W RMS × 4*

    * Niveles de amplificador principal según
      estándar CEA-2006
      • Potencia de salida: medida a 4 ohmios y
        ≤ 1% THD+N
      • Señal/Ruido: 80 dBA
        (referencia: 1 W en 4 ohmios)
Peso   1,4 kg

TAMAÑO DEL CHASIS

Anchura   178 mm
Altura   50 mm
Profundidad   161,5 mm

BLUETOOTH SECTION

BLUETOOTH Specification	Bluetooth V2.1 + EDR
Output Power	+4 dBm Max. (Power class 2)
Profile	HFP (Hands-Free Profile)
	HSP (Head Set Profile)
	A2DP (Advanced Audio Distribution Profile)
	AVRCP (Audio/Video Remote Control Profile)

SECTION DE LA CLÉ BLUETOOTH

Spécification BLUETOOTH	Bluetooth V2.1 + EDR
Puissance de sortie	+4 dBm max. (puissance de classe 2)
Profil	HFP (profil mains libres)
	HSP (profil casque)
	A2DP (profil de distribution audio avancé)
	AVRCP (profil de télécommande audio/vidéo)

SECCIÓN BLUETOOTH

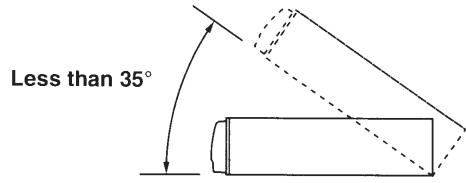| Especificación de BLUETOOTH	Bluetooth V2.1 + EDR
Potencia de salida	+4 dBm máx. (Clase 2)
Perfil	HFP (Perfil manos libres)
	HSP (Perfil de auriculares)
	A2DP (Perfil de distribución de audio avanzada)
	AVRCP (Perfil del control remoto de audio/vídeo)

- Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.
- iPhone, iPod, iPod classic, iPod nano, iPod touch and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries.
- "Made for iPod," and "Made for iPhone," mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, or iPhone may affect wireless performance.
- The BLUETOOTH® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Alpine Electronics, Inc. is under licence. Other trademarks and trade names are those of their respective owners.
- MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson. Supply of this product only conveys a licence for private, non-commercial use and does not convey a licence nor imply any right to use this product in any commercial (i.e. revenue-generation) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent licence for such use is required. For details, please visit http://www.mp3licensing.com
- Pandora, the Pandora logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc., used with permission. Pandora is currently available in the U.S., Australia and New Zealand.
- Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved.
- Android is a trademark of Google Inc.

- Windows Media et le logo Windows sont des marques déposées ou des marques déposées enregistrées chez Microsoft Corporation aux États-Unis et/ou dans d'autres pays.
- iPhone, iPod, iPod classic, iPod nano et iPod touch sont des marques déposées d'Apple Inc. enregistrées aux États-Unis et dans d'autres pays.
- "Made for iPod," et "Made for iPhone," indiquent que l'accessoire électronique a été spécialement conçu pour se connecter spécifiquement à un iPod, un iPhone et que les performances des standard Apple sont garanties par les concepteurs. Apple n'est pas responsable quant au fonctionnement de ce système ou bien du respect de celui-ci, de la législation ou des normes de sécurité en vigueur. Veuillez noter que l'utilisation de cet accessoire avec un iPod où iPhone peut affecter les performances de communication sans fil.
- La marque et les logos BLUETOOTH® sont des marques de commerce appartenant à Bluetooth SIG, Inc. Ces marques sont utilisées par Alpine Electronics, Inc. sous licence. Les autres marques déposées et appellations commerciales sont celles de leurs propriétaires respectifs.
- Technologie de codage audio MPEG Layer-3 sous licence de Fraunhofer IIS et Thomson. La fourniture de ce produit ne confère qu'une licence pour une utilisation privée de nature non commerciale, mais ne confère aucune licence et n'implique aucun droit d'utiliser ce produit pour une diffusion commerciale (c'est-à-dire générant des recettes) en temps réel (par voie terrestre, satellite, câble et/ou tout autre support), une diffusion/lecture en transit via Internet, des intranets et/ou autres réseaux, ou sur tout autre système de distribution de contenu électronique tel que les applications audio à péage ou à la demande. Une licence indépendante est requise pour ce type d'utilisation. Pour obtenir de plus amples informations, consultez le site http://www.mp3licensing.com
- Pandora, le logo Pandora et le nom commercial Pandora sont des marques de commerce ou des marques déposées de Pandora Media, Inc. utilisées sous autorisation. Pandora est actuellement disponible aux États-Unis, en Australie et en Nouvelle-Zélande.
- Sirius, XM et toutes les marques et logos associés sont des marques de commerce de Sirius XM Radio Inc. Tous droits reserves.
- Android est une marque de Google Inc.

- Windows Media y el logotipo Windows son marcas comerciales o marcas registradas de Microsoft Corporation en Estados Unidos y/o en otros países.
- iPhone, iPod, iPod classic, iPod nano y iPod touch son marcas comerciales de Apple Inc. registradas en los Estados Unidos y en otros países.
- "Made for iPod," y "Made for iPhone," significan que un dispositivo electrónico se ha diseñado pensando específicamente en su conexión a un iPod o iPhone, respectivamente, y que el fabricante garantiza su conformidad con los requisitos de rendimiento de Apple. Apple no se hace responsable del funcionamiento de este dispositivo o de su cumplimiento de las normas de seguridad o legales. Tenga en cuenta que el uso de este accesorio con iPod o iPhone puede afectar al rendimiento inalámbrico.
- La marca de la palabra BLUETOOTH® y sus logotipos son marcas comerciales registradas propiedad de Bluetooth SIG, Inc. Todo uso que Alpine Electronics, Inc. hace de dichas marcas es bajo licencia. El resto de marcas y nombres comerciales son propiedad de sus respectivos propietarios.
- Tecnología de codificación de audio MPEG Layer-3 con licencia de Fraunhofer IIS y Thomson. El suministro de este producto solo cubre la licencia para uso privado y no comercial, y no implica una licencia ni ningún derecho de uso de este producto en ninguna difusión comercial (es decir, que genere ingresos) en tiempo real (terrestre, por satélite, por cable y/u otros medios), la difusión/reproducción mediante Internet, intranets y/u otras redes o mediante otros sistemas de distribución de contenido electrónico, como aplicaciones de audio de pago o previa petición. Es necesaria una licencia independiente para dicho uso. Si desea obtener más información, visite http://www.mp3licensing.com
- Pandora, el logotipo de Pandora y la imagen de marca de Pandora son marcas comerciales o marcas comerciales registradas de Pandora Media, Inc., usadas con permiso. En la actualidad, Pandora está disponible exclusivamente con permiso. Pandora está actualmente disponible en Estados Unidos, Australia y Nueva Zelanda.
- Sirius, XM y todas las marcas y logotipos relacionados son marcas comerciales de Sirius XM Radio Inc. Todos los derechos reservados.
- Android es una marca comercial de Google Inc.

40

Installation / Installation / Instalación

- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the CDE-154BT to the fuse box, make sure the fuse for the intended circuit of the CDE-154BT has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your Alpine dealer.
- The main unit must be mounted within 35 degrees of the horizontal plane, back to front.

Less than 35°

1

Mounting Sleeve (Included)

Dashboard

Pressure Plates*

This unit

* If the installed mounting sleeve is loose in the dashboard, the pressure plates may be bent slightly to remedy the problem.

- Lors de la connexion des câbles au système électrique du véhicule, il faut être conscient des composants installés en usine (tel qu'un ordinateur de bord). Veillez à ne pas vous raccorder à ces fils pour alimenter l'appareil. Lorsque vous raccordez le CDE-154BT au boîtier à fusible, assurez-vous que le fusible du circuit désigné pour le CDE-154BT possède l'ampérage approprié. Sinon, vous risquez d'endommager l'appareil et/ou le véhicule. En cas de doute, consultez votre revendeur Alpine.
- L'unité principale doit être fixée à moins de 35 degrés du plan horizontal, de l'arrière vers l'avant.

Moins de 35°

1

Gaine de montage (fournie)

Tableau de bord

Plaques de compression*

Cet appareil

* Si la gaine de montage installée n'épouse pas bien la forme du tableau de bord, les plaques de compression peuvent être légérement pliées pour remédier au probléme.

- Cuando haga las conexiones al sistema eléctrico del vehículo, tenga en cuenta los componentes que vienen instalados de fábrica (como un computador incorporado, por ejemplo). No conecte a estos conductores para proporcionar alimentación a esta unidad. Al conectar el CDE-154BT a la caja de fusibles, asegúrese de que el fusible designado para el circuito del CDE-154BT sea del amperaje adecuado. De lo contrario, la unidad y/o el vehículo podrán sufrir daños. Cuando tenga dudas, consulte a su distribuidor Alpine.
- Monte la unidad principal en un ángulo de 35 grados en relación con el plano horizontal, desde atrás hacia adelante.

Menos de 35°

1

Funda de montaje (incluida)

Salpicadero

Placas de presión*

Esta unidad

* Si el manguito de montaje instalado en el salpicadero está flojo, las placas de presión pueden doblarse un poco para solventar el problema.

41

2

Metal Mounting Strap

Screw

Bolt Stud

Hex Nut (M5)

*

This unit
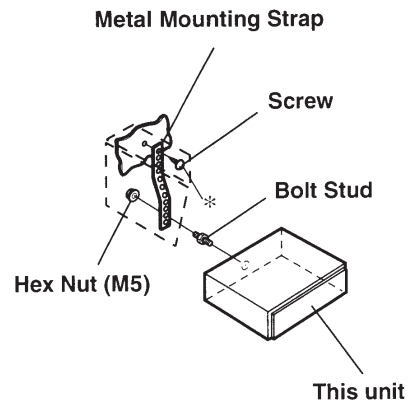
Secure the ground lead of the unit to a clean metal spot.

- *For the screw marked "*", use an appropriate screw for the chosen mounting location.*

3

Slide the CDE-154BT into the dashboard until it clicks. This ensures that the unit is properly locked and will not accidentally come out from the dashboard.

2

Attache de montage en métal

Vis

Filetage de boulon

Écrou hexagonal (M5)

*
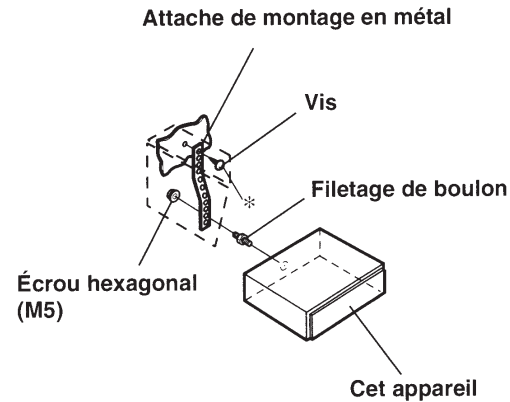
Cet appareil

Raccordez le fil de terre de l'appareil à un point métallique propre.

- *Pour la vis « * », utilisez une vis appropriée à l'emplacement de montage choisi.*

3

Glissez le CDE-154BT dans le tableau de bord jusqu'à ce qu'il émette un déclic. De cette façon, l'appareil sera convenablement fixé et il ne risquera pas de tomber accidentellement du tableau de bord.

2

Brida metálica de montaje

Tornillo

Pasador

Tuerca hexagonal (M5)

*

Esta unidad
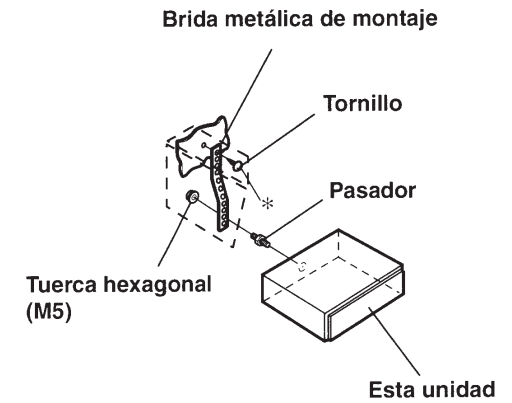
Fije el cable de tierra de la unidad en un punto metálico limpio.

- *Para el tornillo con la marca "*", utilice un tornillo adecuado para la ubicación de montaje elegida.*

3

Deslice el CDE-154BT hacia el interior del salpicadero hasta que escuche un chasquido. Eso permite asegurarse de que la unidad queda correctamente fijada y no se salga accidentalmente del salpicadero.

Connections / Raccordements / Conexiones

(Pink/Black) / (Rose/Noir) / (Rosa/Negro) — **AUDIO INTERRUPT IN**

(Blue) / (Bleu) / (Azul) — **POWER ANT**

(Blue/White) / (Bleu/Blanc) / (Azul/Blanco) — **REMOTE TURN-ON**

(Orange) / (Orange) / (Naranja) — **ILLUMINATION**

(Red) / (Rouge) / (Rojo) — **IGNITION**

(Yellow) / (Jaune) / (Amarillo) — **BATTERY**

(Black) / (Noir) / (Negro) — **GND**

(Gray) / (Gris) / (Gris)

SPEAKER RIGHT FRONT ⊕

(Gray/Black) / (Gris/Noir) / (Gris/Negro) ⊖

(Violet/Black) / (Violet/Noir) / (Violeta/Negro)

SPEAKER RIGHT REAR ⊖

(Violet) / (Violet) / (Violeta) ⊕

(Green) / (Vert) / (Verde)

SPEAKER LEFT REAR ⊕

(Green/Black) / (Vert/Noir) / (Verde/Negro) ⊖

(White/Black) / (Blanc/Noir) / (Blanco/Negro)

SPEAKER LEFT FRONT ⊖

(White) / (Blanc) / (Blanco) ⊕

FUSE 10A

Antenna Receptacle

To Flash memory or iPod/iPhone / Au périphérique de mémoire flash ou à l'iPod/iPhone / A la llave de memoria Flash o iPod/iPhone

To External Unit (AUX) / Appareil externe (AUX) / Unidad externa (AUX)

To power antenna / Vers l'antenne électrique / A la antena eléctrica

To amplifier / Vers l'amplificateur / Al amplificador

To the instrument cluster illumination lead / Vers le fil d'éclairage du combiné d'instruments / Al cable de iluminación del conjunto de instrumentos

Ignition Key

Speakers

Front Right

Rear Right

Rear Left

Front Left

Battery

Microphone / Microphone / Micrófono

Speakers

Amplifier — Front

Amplifier — Rear

Amplifier — Subwoofers

43

About the Rules of Bluetooth Electromagnetic Radiation Regulation

USA/Canada	FCC CAUTION
	Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
	This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).
	Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles les radioélectriques (RF) de la FCC lignes directrices d'exposition dans le Supplément C à OET65 et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée. Cependant, cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).
México	La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

MODELO:13BTPWB

2718-12-4557

(01)07898936509116

ANATEL

Este produto contém a placa 13BTPWB código de homologação Anatel 2718-12-4557
Este equipamento opera em caráter secundário, isto é, não tem direito a proteção
contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode
causar interferência a sistemas operando em caráter primário.
Este equipamento está homologado pela ANATEL de acordo com os procedimentos
regulamentados pela Resolucão 242/2000 e atende aos requisites técnicos aplicados.

//////ALPINE®

GARANTIE LIMITÉE

Fidèle à son engagement de ne fournir que des produits de qualité, ALPINE ELECTRONICS OF AMERICA, INC. (« Alpine ») est heureuse de vous offrir cette garantie. Nous vous suggérons de le lire attentivement et en entier. Si vous avez la moindre question, veuillez contacter l'un de nos concessionnaires ou appeler directement Alpine aux numéros listés ci-dessous.

● PRODUITS COUVERTS PAR LA GARANTIE

Cette garantie couvre les produits audio de voiture et les accessoires connexes (« le produit »). Elle ne couvre les produits que dans le pays où ils ont été achetés.

● DURÉE DE LA GARANTIE

Cette garantie est en vigueur pendant un an à partir de la date du premier achat du client.

● PERSONNES PROTÉGÉES PAR LA GARANTIE

Seul l'acheteur original du produit, s'il résisde aux États-Unis, à Porto Rico ou au Canada, peut se prévaloir de la garantie.

● CE QUI EST COUVERT

Cette garantie couvre tous les défauts de matériaux et de fabrication (pièces et main d'œuvre) du produit.

● CE QUI N'EST PAS COUVERT

Cette garantie ne couvre pas ce qui suit:

1. Les dommages survenus durant le transport des produits renvoyés à Alpine pour être réparés (les réclamations doivent être adressées au transporteur);
2. Les dégâts provoqués par un accident ou une mauvaise utilisation, y compris des bobines acoustiques grillées suite à une surexcitation des enceintes (augmentation du niveau de l'amplificateur jusqu'à atteindre un effet de distorsion ou d'écrêtage), une défaillance mécanique des enceintes (perforations, déchirures ou fentes), panneaux LCD fissurés ou endommagés, disques durs endommagés ou ayant subi une chute.
3. Tout dégât provoqué par négligence, usage inapproprié, mauvaise utilisation ou par le non-respect des instructions indiquées dans le manuel de l'utilisateur.
4. Les dommages dus à la force majeure, notamment aux tremblements de terre, au feu, aux inondations, aux tempêtes ou aux autres cataclysmes naturels;
Les frais ou les dépenses relatifs à l'enlèvement ou à la réinstallation du produit;
5. Les services rendus par une personne, physique ou morale non autorisée;
6. Les produits dont le numéro de série a été effacé, modifié ou retiré;
7. Les produits qui ont été adaptés ou modifiés sans le consentement d'Alpine;
8. Les produits qui ne sont pas distribués par Alpine aux Etats-Unis, à Porto Rico ou au Canada;
9. Les produits qui n'ont pas été achetés par l'entremise d'un concessionnaire Alpine autorisé;

● COMMENT SE PRÉVALOIR DE LA GARANTIE

(1) Il vous faut remettre le produit nécessitant des réparations à un centre de service autorisé Alpine ou à Alpine même et en assumer les frais de transport. Alpine a le choix entre réparer le produit ou le remplacer par un produit neuf ou révisé, le tout sans frais pour vous. Si les réparations sont couvertes par la garantie et si le produit a été envoyé à un centre de service Alpine ou à Alpine, le paiement des frais de réexpédition du produit incombe Alpine.

(2) Vous devez donner une description détaillée des problèmes qui sont à l'origine de votre demande de réparation.

(3) Vous devez joindre la preuve de votre achat du produit.

(4) Vous devez emballer soigneusement le produit pour éviter tout dommage durant son transport. Pour éviter la perte de l'envoi, il est conseillé de choisir un transporteur qui propose un service de suivi des envois.

● LIMITATION DES GARANTIES TACITES

LA DURÉE DE TOUTES LES GARANTIES TACITES, Y COMPRIS LA GARANTIE D'ADAPTATION À L'UTILISATION ET LA GARANTIE DE QUALITÉ LOYALE ET MARCHANDE, EST LIMITÉE À CELLE DE LA GARANTIE EXPRESSE DÉTERMINÉE CI-DESSUS. PERSONNE N'EST AUTORISÉ À ENGAGER AUTREMENT LA RESPONSABILITÉ D'ALPINE EN VERTU DE LA VENTE D'UN PRODUIT.

● EXCLUSIONS DE LA GARANTIE

ALPINE STIPULE EXPRESSÉMENT QU'ELLE N'EST PAS RESPONSABLE DES DOMMAGES-INTÉRÊTS ET DOMMAGES INDIRECTS PROVOQUÉS PAR LE PRODUIT. LES DOMMAGES-INTÉRÊTS SONT LES FRAIS DE TRANSPORT DU PRODUIT VERS UN CENTRE DE SERVICE ALPINE, LA PERTE DE TEMPS DE L'ACHETEUR ORIGINAL, LA PERTE D'UTILISATION DU PRODUIT, LES BILLETS D'AUTOBUS, LA LOCATION DE VOITURES ET TOUS LES AUTRES FRAIS LIÉS À LA GARDE DU PRODUIT.

LES DOMMAGES INDIRECTS SONT LES FRAIS DE RÉPARATION OU DE REMPLACEMENT D'AUTRES BIENS ENDOMMAGÉS SUITE AU MAUVAIS FONCTIONNEMENT DU PRODUIT.
LES RECOURS PRÉVUS PAR LES PRÉSENTES EXCLUENT ET REMPLACENT TOUTE AUTRE FORME DE RECOURS.

● LIEN ENTRE LA GARANTIE ET LA LOI

La garantie vous donne des droits spécifiques, mais vous pouvez aussi jouir d'autres droits, qui varient d'un état ou d'une province à l'autre. En outre, certains états et certaines provinces interdisent de limiter la durée des garanties tacites ou d'exclure les dommages accessoires ou indirects. Dans ce cas, les limites et les exclusions de la garantie peuvent ne pas s'appliquer à vous.

● CLAUSE APPLICABLE AU CANADA SEULEMENT

Pour que la garantie soit valable, il faut qu'un centre d'installation autorisé ait installé le système audio pour l'auto dans votre véhicule et qu'il ait ensuite apposé son cachet sur la garantie.

● NUMÉROS D'APPEL DU SERVICE À LA CLIENTÈLE

Si vous avez besoin de nos services, veuillez appeler Alpine aux numéros ci-dessous pour le centre de service autorisé Alpine le plus proche.

| AUDIO DE VOITURE | 1-800-ALPINE-1 (1-800-257-4631) |
| NAVIGATION | 1-888-NAV-HELP (1-888-628-4357) |

Ou visitez notre site Web à l'adresse http://www.alpine-usa.com

ALPINE ÉLECTRONIQUE DE L'AMÉRIQUE, INC., 19145 Gramercy Place, Torrance, California 90501, U.S.A.
N'envoyez pas de produits à cette adresse.
Appelez notre numéro gratuit ou visitez notre site Web si vous recherchez un centre de service.

//////ALPINE.

LIMITED WARRANTY

ALPINE ELECTRONICS OF AMERICA, INC. ("Alpine"), is dedicated to quality craftsmanship and is pleased to offer this Warranty. We suggest that you read it thoroughly. Should you have any questions, please contact your Dealer or contact Alpine at one of the telephone numbers listed below.

● PRODUCTS COVERED:

This Warranty covers Car Audio Products and Related Accessories ("the product"). Products purchased in the Canada are covered only in the Canada. Products purchased in the U.S.A. are covered only in the U.S.A.

● LENGTH OF WARRANTY:

This Warranty is in effect for one year from the date of the first consumer purchase.

● WHO IS COVERED:

This Warranty only covers the original purchaser of the product, who must reside in the United States, Puerto Rico or Canada.

● WHAT IS COVERED:

This Warranty covers defects in materials or workmanship (parts and labor) in the product.

● WHAT IS NOT COVERED:

This Warranty does not cover the following:

1. Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).
2. Damage caused by accident or abuse, including burned voice coils caused by over-driving the speaker (amplifier level is turned up and driven into distortion or clipping). Speaker mechanical failure (e.g. punctures, tears or rips). Cracked or damaged LCD panels. Dropped or damaged hard drives.
3. Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.

4. Damage caused by act of God, including without limitation, earthquake, fire, flood, storms or other acts of nature.
   Any cost or expense related to the removal or reinstallation of the product.
5. Service performed by an unauthorized person, company or association.
6. Any product which has the serial number defaced, altered or removed.
7. Any product which has been adjusted, altered or modified without Alpine's consent.
8. Any product not distributed by Alpine within the United States, Puerto Rico or Canada.
9. Any product not purchased from an Authorized Alpine Dealer.

● HOW TO OBTAIN WARRANTY SERVICE:

1. You are responsible for delivery of the product to an Authorized Alpine Service Center or Alpine for repair and for payment of any initial shipping charges. Alpine will, at its option, repair or replace the product with a new or reconditioned product without charge. If the repairs are covered by the warranty, and if the product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges.
2. You should provide a detailed description of the problem(s) for which service is required.
3. You must supply proof of your purchase of the product.
4. You must package the product securely to avoid damage during shipment. To prevent lost packages it is recommended to use a carrier that provides a tracking service.

● HOW WE LIMIT IMPLIED WARRANTIES:

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR USE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON IS AUTHORIZED TO ASSUME FOR ALPINE ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

● HOW WE EXCLUDE CERTAIN DAMAGES:

ALPINE EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. THE TERM "INCIDENTAL DAMAGES" REFERS TO EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHERS COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM "CONSEQUENTIAL DAMAGES" REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY. THE REMEDIES PROVIDED UNDER THIS WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS.

● HOW STATE/PROVINCIAL LAW RELATES TO THE WARRANTY:

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. In addition, some states/provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

● IN CANADA ONLY:

This Warranty is not valid unless your Alpine car audio product has been installed in your vehicle by an Authorized Installation Center, and this warranty stamped upon installation by the installation center.

● HOW TO CONTACT CUSTOMER SERVICE:

Should the product require service, please call the following number for your nearest Authorized Alpine Service Center.

| CAR AUDIO | 1-800-ALPINE-1 (1-800-257-4631) |
| NAVIGATION | 1-888-NAV-HELP (1-888-628-4357) |

Or visit our website at; http://www.alpine-usa.com

Take a moment to protect your purchase by registering your product now at www.alpine-usa.com/registration. You will also be updated on product information, special promotions, Alpine news and may be eligible to win prizes.

Prenez le temps de protéger votre achat en enregistrant votre produit sur www.alpine-usa.com/registration. Vous recevrez en outre des mises à jours sur des informations de produits, des offres promotionnelles, des nouvelles concernant Alpine et pourrez recevoir des récompenses.

Le recomendamos que proteja su adquisición registrando su producto lo antes posible en la dirección www.alpine-usa.com/registration. Asimismo, recibirá actualizaciones de información del producto, promociones especiales, noticias sobre Alpine y podrá optar a excelentes premios.

ALPINE ELECTRONICS OF AMERICA, INC., 19145 Gramercy Place, Torrance, California 90501, U.S.A.

Do not send products to this address.
Call the toll free telephone number or visit the website to locate a service center.

//////ALPINE®

To customers/A l'attention de l'utilisateur/ Informaciónpara los clientes

English

In SiriusXM, in order to change the channel of Tune Start or Tune Scan, continuous band changing may not available.
If you change the band continually, wait for about 5 seconds before changing to the next band.

Français

Dans SiriusXM, pour changer le canal de Tune Start ou Tune Scan, le changement de bande en continu peut s'avérer indisponible.
Si vous changez de bande en continu, attendez environ 5 secondes avant de passer à la bande suivante.

Español

En SiriusXM, para cambiar el canal de inicio o de barrido de la sintonización, es posible que el cambio continuo de banda no esté disponible.
Si cambia la banda de forma continua, espere aproximadamente 5 segundos antes de pasar a la siguiente banda.

68-24567Z58-A (Y)

This is a CD-ROM containing data, and cannot be played on an audio CD player.   Ceci est un CD-ROM qui contiet des donnees. Il ne peut etre joue sur un lecteur de CD-audio.

////ALPINE®
Mobile Media Solutions

COMPACT
disc

CDE-185BT
CDE-183BT
CDE-154BT
CDE-153BT
UTE-52BT

OWNER'S MANUAL
MODE D'EMPLOI

////////ALPINE R

Owner's Manual
Mode d'emploi

MADE IN THAILAND   FABRIQUE EN THAILANDE

DESIGNED BY ALPINE JAPAN   CONCU PAR ALPINE JAPON

ALPINE ELECTRONICS, INC.

■ System Requirements

The CD can be used on the following operating systems: Microsoft®, Windows®, 95/98/Me/NT/2000/XP/VISTA/7 or Apple Mac OS X 10.4/10.5/10.6. In order to use the CD, Acrobat Reader 4.0 (or above) is required.

■ How to Use the CD

Insert the CD, open it, then click twice the file for the model purchased.

■ Caution on Handling the CD

Never try to play the CD on any other audio CD player. Resultant loud volume may cause hearing damage or damage to the speaker.

■ About Use of Software License

Concerning provided CD, you are required to use the CD in agreement/complying with the following provisions. If you do not agree, the CD cannot be used.

■ Terms of Use

Alpine Electronics Incorporation (following Alpine) reserves all copyrights on the information provided on this CD. The contents of the CD cannot be used for copying without permission of its owners, Internet transfer, public showing, or commercial rent, lease, etc.

■ Limitation of Liability

Alpine does not guarantee correct operation of any computer component when used with the CD. Alpine also has no responsibility, direct or indirect, for damage resulting from use of this CD, and no compensation can be offered.

All products and brand names described above are trademarks or registered marks of their respective owners.

■ Configuration système

Ce CD peut être utilisé sous les systèmes d'exploitation suivants : Microsoft®, Windows®, 95/98/Me/NT/2000/XP/VISTA/7 ou Apple Mac OS X 10.4/10.5/10.6. Pour pouvoir utiliser le CD, vous devez installer Acrobat Reader 4.0 (ou ultérieur).

■ Comment utiliser le CD

Insérez le CD, ouvrez-le, puis cliquez deux fois sur le fichier du modèle que vous avez acheté.

■ Précautions lors de la manipulation du CD

N'essayez pas de lire le CD sur un autre lecteur CD. Le cas échéant, le niveau de volume élevé pourrait endommager le haut-parleur ou provoquer des troubles auditifs.

■ À propos de l'utilisation de la licence du logiciel

Vous devez utiliser le CD fourni conformément aux conditions suivantes. Si vous n'acceptez pas le contrat de licence, vous ne pouvez pas utiliser ce CD.

■ Conditions d'utilisation

Alpine Electronics Incorporation (Alpine) détient tous les droits d'auteur relatifs aux informations fournies dans ce CD. Le contenu de ce CD ne peut donc en aucun cas être copié, divulgué par Internet, utilisé pour une projection publique, une location commerciale ou une concession, etc., sans autorisation expresse du propriétaire.

■ Limitation de responsabilité

Alpine ne garantit pas le bon fonctionnement des composants de l'ordinateur lorsque vous utilisez ce CD. Alpine décline également toute responsabilité, directe ou indirecte, en cas de dommage lors de l'utilisation de ce CD, et n'offre aucune compensation économique.

Tous les produits et noms de marque cités ci-dessus sont des marques commerciales ou des marques déposées de leurs détenteurs respectifs.

////////ALPINE®

Thank you for choosing Alpine for your car audio equipment needs. Our goal is to produce the best audio/video/navigation products in the world and hope your expectations are met.

Please take a moment to protect your purchase by registering your product now at the following address: www.alpine-usa.com/registration. You will be informed of product and software updates (if applicable), special promotions, and news about Alpine. Also, by registering your product, you will automatically be entered for a chance to win various prizes such as gift cards, Alpine products, and/or a complete system.

We look forward to continue serving you in the future.

Sincerely,

The Alpine Team

French

Nous vous remercions d'avoir porté votre choix sur un équipement audio automobile Alpine. Notre principal objectif est de fabriquer les meilleurs produits audio, vidéo et de navigation au monde afin de répondre aux exigences de nos clients.

Veuillez prendre quelques instants pour sécuriser votre achat en enregistrant votre produit à l'adresse suivante : www.alpine-usa.com/registration. Vous serez tenu informé des nouveaux produits, des mises à jour logicielles (le cas échéant), des promotions spéciales et des informations concernant Alpine. L'enregistrement de votre produit vous donne par ailleurs la possibilité de gagner des dizaines de cadeaux, tels que chèques-cadeaux et articles Alpine, ainsi qu'un système complet.

Nous espérons que nos produits vous donneront entièrement satisfaction.

Cordialement,

L'équipe Alpine

Spanish

Gracias por elegir Alpine para las necesidades de equipamiento de audio de su vehículo. Nuestro objetivo es fabricar los mejores productos de audio/vídeo/navegación del mundo y esperamos poder cumplir sus expectativas.

Dedique unos momentos a proteger su compra: registre ahora su producto en la siguiente dirección: www.alpine-usa.com/registration. Recibirá información de novedades sobre el producto y actualizaciones de software (si se producen), promociones especiales y noticias de última hora de Alpine. Asimismo, si registra su producto, entrará automáticamente en el sorteo de diversos premios, como tarjetas de regalo, productos de Alpine y/o un sistema completo.

Esperamos poder seguir ofreciéndole el mejor servicio en el futuro.

Atentamente,

El equipo de Alpine